

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |         | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|---------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total   |                             |
| 00-0000 | Total, All Occupations  | 3,027,300    | 3,398,780               | 40,085                 | 67,045   | 107,130 | 1.2                         |
| 11-0000 | Management Occupations  | 189,160      | 206,730                 | 1,770                  | 4,060    | 5,835   | 0.9                         |
| 11-1000 | Top Executives  | 67,840       | 70,670                  | 285                    | 1,670    | 1,955   | 0.4                         |
| 11-1011 | Chief Executives  | 15,300       | 15,810                  | 50                     | 420      | 470     | 0.3                         |
| 11-1021 | General and Operations Managers   | 49,930       | 52,040                  | 210                    | 1,205    | 1,415   | 0.4                         |
| 11-1031 | Legislators   | 2,610        | 2,820                   | 20                     | 50       | 70      | 0.8                         |
| 11-2000 | Advertising, Marketing, Promotions,<br>Public Relations, and Sa<br>Advertising and Promotions | 13,670       | 15,220                  | 155                    | 305      | 460     | 1.1                         |
| 11-2011 | Managers  | 1,390        | 1,480                   | 10                     | 30       | 40      | 0.7                         |
| 11-2021 | Marketing Managers  | 3,200        | 3,640                   | 45                     | 70       | 115     | 1.3                         |
| 11-2022 | Sales Managers  | 8,260        | 9,140                   | 90                     | 185      | 275     | 1.0                         |
| 11-2031 | Public Relations Managers   | 820          | 960                     | 15                     | 20       | 35      | 1.6                         |
| 11-3000 | Operations Specialties Managers   | 39,070       | 43,120                  | 405                    | 760      | 1,165   | 1.0                         |
| 11-3011 | Administrative Services Managers<br>Computer and Information Systems                          | 8,140        | 9,130                   | 100                    | 215      | 315     | 1.2                         |
| 11-3021 | Managers  | 4,940        | 5,630                   | 70                     | 80       | 150     | 1.3                         |
| 11-3031 | Financial Managers  | 13,690       | 15,120                  | 145                    | 200      | 340     | 1.0                         |
| 11-3040 | Human Resources Managers  | 3,830        | 4,370                   | 55                     | 0        | 55      | 1.3                         |
| 11-3051 | Industrial Production Managers  | 3,470        | 3,460                   | 0                      | 120      | 120     | 0.0                         |
| 11-3061 | Purchasing Managers   | 2,120        | 2,220                   | 10                     | 60       | 70      | 0.5                         |
| 11-3071 | Transportation, Storage, and<br>Distribution Managers   | 2,890        | 3,200                   | 30                     | 85       | 115     | 1.0                         |
| 11-9000 | Other Management Occupations<br>Farm, Ranch, and Other Agricultural                           | 68,590       | 77,720                  | 925                    | 1,325    | 2,250   | 1.3                         |
| 11-9011 | Managers  | 5,370        | 7,070                   | 170                    | 40       | 210     | 2.8                         |
| 11-9012 | Farmers and Ranchers  | 90           | 80                      | 0                      | 0        | 0       | -1.3                        |
| 11-9021 | Construction Managers   | 9,610        | 11,390                  | 180                    | 150      | 325     | 1.7                         |
| 11-9031 | Education Administrators, Preschool<br>and Child Care Center/Pr                               | 1,670        | 2,040                   | 35                     | 45       | 85      | 2.0                         |
| 11-9032 | Education Administrators, Elementary<br>and Secondary School                                  | 3,940        | 4,650                   | 70                     | 110      | 180     | 1.7                         |
| 11-9033 | Education Administrators,<br>Postsecondary  | 1,870        | 2,060                   | 20                     | 50       | 70      | 1.0                         |
| 11-9039 | Education Administrators, All Other   | 790          | 850                     | 5                      | 20       | 25      | 0.6                         |
| 11-9041 | Engineering Managers  | 3,140        | 3,260                   | 10                     | 65       | 75      | 0.4                         |
| 11-9051 | Food Service Managers   | 11,040       | 11,770                  | 75                     | 260      | 335     | 0.6                         |
| 11-9061 | Funeral Directors   | 1,190        | 1,060                   | 0                      | 30       | 30      | -1.1                        |
| 11-9081 | Lodging Managers  | 1,570        | 1,690                   | 10                     | 35       | 45      | 0.7                         |
| 11-9111 | Medical and Health Services<br>Managers   | 5,330        | 6,290                   | 95                     | 100      | 195     | 1.7                         |
| 11-9121 | Natural Sciences Managers   | 320          | 320                     | 0                      | 5        | 5       | -0.1                        |

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|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
|         | Postmasters and Mail   |              |                         |                        |          |       |                             |
| 11-9131 | Superintendents  | 520          | 580                     | 5                      | 15       | 20    | 1.1                         |
| 11-9141 | Property, Real Estate, and<br>Community Association Managers     | 6,350        | 6,890                   | 55                     | 90       | 140   | 0.8                         |
| 11-9151 | Social and Community Service<br>Managers                         | 2,980        | 3,710                   | 75                     | 55       | 130   | 2.2                         |
| 11-9199 | Managers, All Other  | 12,800       | 14,020                  | 125                    | 255      | 380   | 0.9                         |
| 13-0000 | Business and Financial Operations<br>Occupations                 | 93,890       | 109,310                 | 1,540                  | 1,640    | 3,185 | 1.5                         |
| 13-1000 | Business Operations Specialists                                  | 55,720       | 64,390                  | 865                    | 980      | 1,850 | 1.5                         |
| 13-1011 | Agents and Business Managers of<br>Artists, Performers, and Ath  | 4,190        | 4,500                   | 30                     | 115      | 145   | 0.7                         |
| 13-1021 | Purchasing Agents and Buyers, Farm<br>Products                   | 330          | 330                     | 0                      | 5        | 5     | 0.0                         |
| 13-1022 | Wholesale and Retail Buyers, Except<br>Farm Products             | 2,060        | 2,090                   | 5                      | 45       | 50    | 0.1                         |
| 13-1023 | Purchasing Agents, Except<br>Wholesale, Retail, and Farm Produc  | 4,290        | 4,420                   | 15                     | 90       | 105   | 0.3                         |
| 13-1031 | Claims Adjusters, Examiners, and<br>Investigators                | 4,840        | 5,460                   | 60                     | 125      | 185   | 1.2                         |
| 13-1032 | Insurance Appraisers, Auto Damage<br>Compliance Officers, Except | 120          | 130                     | 0                      | 5        | 5     | 1.1                         |
| 13-1041 | Agriculture, Construction, Healt                                 | 3,660        | 3,970                   | 30                     | 45       | 75    | 0.8                         |
| 13-1051 | Cost Estimators  | 3,300        | 4,060                   | 75                     | 70       | 145   | 2.1                         |
| 13-1061 | Emergency Management Specialists                                 | 240          | 260                     | 0                      | 5        | 5     | 0.9                         |
| 13-1071 | Employment, Recruitment, and<br>Placement Specialists            | 3,250        | 3,700                   | 45                     | 70       | 115   | 1.3                         |
| 13-1072 | Compensation, Benefits, and Job<br>Analysis Specialists          | 1,520        | 1,790                   | 25                     | 35       | 60    | 1.6                         |
| 13-1073 | Training and Development Specialists                             | 3,650        | 4,380                   | 70                     | 80       | 150   | 1.8                         |
| 13-1111 | Management Analysts  | 6,300        | 7,110                   | 80                     | 110      | 190   | 1.2                         |
| 13-1121 | Meeting and Convention Planners                                  | 490          | 550                     | 5                      | 10       | 15    | 1.2                         |
| 13-1199 | Business Operations Specialists, All<br>Other                    | 17,470       | 21,640                  | 415                    | 185      | 605   | 2.2                         |
| 13-2000 | Financial Specialists  | 38,170       | 44,920                  | 675                    | 660      | 1,335 | 1.6                         |
| 13-2011 | Accountants and Auditors   | 17,380       | 20,890                  | 350                    | 305      | 655   | 1.9                         |
| 13-2021 | Appraisers and Assessors of Real<br>Estate                       | 1,210        | 1,360                   | 15                     | 25       | 40    | 1.2                         |
| 13-2031 | Budget Analysts  | 760          | 830                     | 5                      | 20       | 25    | 0.9                         |
| 13-2041 | Credit Analysts  | 1,170        | 1,360                   | 20                     | 45       | 65    | 1.5                         |
| 13-2051 | Financial Analysts   | 2,230        | 3,090                   | 85                     | 15       | 100   | 3.3                         |

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|---------|--------------------------------------|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |                                      |              |                         | Growth                 | Replaces | Total |                             |
| 13-2052 | Personal Financial Advisors          | 1,440        | 1,980                   | 55                     | 15       | 65    | 3.2                         |
| 13-2053 | Insurance Underwriters               | 1,180        | 1,260                   | 10                     | 30       | 40    | 0.7                         |
| 13-2061 | Financial Examiners                  | 650          | 760                     | 10                     | 10       | 20    | 1.6                         |
| 13-2071 | Loan Counselors                      | 660          | 750                     | 10                     | 5        | 15    | 1.3                         |
| 13-2072 | Loan Officers                        | 6,150        | 6,830                   | 70                     | 65       | 135   | 1.1                         |
|         | Tax Examiners, Collectors, and       |              |                         |                        |          |       |                             |
| 13-2081 | Revenue Agents                       | 1,940        | 2,140                   | 20                     | 50       | 70    | 1.0                         |
| 13-2082 | Tax Preparers                        | 1,650        | 1,690                   | 5                      | 30       | 35    | 0.3                         |
| 13-2099 | Financial Specialists, All Other     | 1,750        | 1,990                   | 25                     | 45       | 70    | 1.3                         |
|         | Computer and Mathematical            |              |                         |                        |          |       |                             |
| 15-0000 | Occupations                          | 40,270       | 48,230                  | 825                    | 935      | 1,765 | 1.8                         |
| 15-1000 | Computer Specialists                 | 38,690       | 46,500                  | 810                    | 895      | 1,705 | 1.9                         |
|         | Computer and Information Scientists, |              |                         |                        |          |       |                             |
| 15-1011 | Research                             | 230          | 230                     | 0                      | 5        | 5     | -0.2                        |
| 15-1021 | Computer Programmers                 | 7,640        | 7,340                   | 0                      | 160      | 160   | -0.4                        |
|         | Computer Software Engineers,         |              |                         |                        |          |       |                             |
| 15-1031 | Applications                         | 3,300        | 4,610                   | 130                    | 50       | 180   | 3.4                         |
|         | Computer Software Engineers,         |              |                         |                        |          |       |                             |
| 15-1032 | Systems Software                     | 2,790        | 3,610                   | 80                     | 40       | 125   | 2.6                         |
| 15-1041 | Computer Support Specialists         | 8,640        | 9,620                   | 100                    | 265      | 365   | 1.1                         |
| 15-1051 | Computer Systems Analysts            | 5,910        | 7,610                   | 170                    | 155      | 325   | 2.6                         |
| 15-1061 | Database Administrators              | 1,270        | 1,640                   | 35                     | 15       | 50    | 2.6                         |
|         | Network and Computer Systems         |              |                         |                        |          |       |                             |
| 15-1071 | Administrators                       | 4,520        | 5,800                   | 130                    | 105      | 230   | 2.5                         |
|         | Network Systems and Data             |              |                         |                        |          |       |                             |
| 15-1081 | Communications Analysts              | 2,810        | 4,330                   | 155                    | 55       | 210   | 4.4                         |
| 15-1099 | Computer Specialists, All Other      | 1,580        | 1,700                   | 10                     | 40       | 55    | 0.7                         |
| 15-2000 | Mathematical Scientists              | 1,570        | 1,730                   | 15                     | 45       | 60    | 1.0                         |
| 15-2011 | Actuaries                            | 340          | 410                     | 5                      | 10       | 20    | 1.9                         |
| 15-2031 | Operations Research Analysts         | 680          | 740                     | 5                      | 15       | 20    | 0.9                         |
| 15-2041 | Statisticians                        | 510          | 530                     | 0                      | 15       | 20    | 0.4                         |
| 15-2091 | Mathematical Technicians             | 20           | 30                      | 0                      | 0        | 0     | 2.8                         |
|         | Architecture and Engineering         |              |                         |                        |          |       |                             |
| 17-0000 | Occupations                          | 36,920       | 39,020                  | 260                    | 810      | 1,070 | 0.6                         |
|         | Architects, Surveyors, and           |              |                         |                        |          |       |                             |
| 17-1000 | Cartographers                        | 2,890        | 3,100                   | 20                     | 70       | 90    | 0.7                         |
|         | Architects, Except Landscape and     |              |                         |                        |          |       |                             |
| 17-1011 | Naval                                | 1,390        | 1,420                   | 0                      | 25       | 30    | 0.2                         |
| 17-1012 | Landscape Architects                 | 180          | 180                     | 0                      | 5        | 5     | 0.2                         |
|         | Cartographers and                    |              |                         |                        |          |       |                             |
| 17-1021 | Photogrammetrists                    | 40           | 40                      | 0                      | 0        | 0     | 0.8                         |
| 17-1022 | Surveyors                            | 1,290        | 1,460                   | 20                     | 40       | 60    | 1.3                         |
| 17-2000 | Engineers                            | 20,400       | 21,980                  | 190                    | 460      | 650   | 0.7                         |
| 17-2011 | Aerospace Engineers                  | 170          | 170                     | 0                      | 5        | 5     | -0.1                        |
| 17-2021 | Agricultural Engineers               | 100          | 90                      | 0                      | 0        | 0     | -1.0                        |

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|         |                                       |              |                         | Growth                 | Replaces | Total |                             |
| 17-2031 | Biomedical Engineers                  | 360          | 460                     | 10                     | 10       | 20    | 2.4                         |
| 17-2041 | Chemical Engineers                    | 480          | 440                     | 0                      | 10       | 10    | -0.9                        |
| 17-2051 | Civil Engineers                       | 2,590        | 2,810                   | 20                     | 70       | 90    | 0.8                         |
| 17-2061 | Computer Hardware Engineers           | 900          | 970                     | 10                     | 30       | 35    | 0.8                         |
| 17-2071 | Electrical Engineers                  | 1,920        | 1,970                   | 5                      | 45       | 50    | 0.3                         |
|         | Electronics Engineers, Except         |              |                         |                        |          |       |                             |
| 17-2072 | Computer                              | 1,300        | 1,510                   | 20                     | 30       | 50    | 1.5                         |
| 17-2081 | Environmental Engineers               | 930          | 1,430                   | 50                     | 25       | 75    | 4.4                         |
|         | Health and Safety Engineers, Except   |              |                         |                        |          |       |                             |
| 17-2111 | Mining Safety Engineers               | 430          | 520                     | 10                     | 10       | 20    | 1.8                         |
| 17-2112 | Industrial Engineers                  | 4,040        | 4,530                   | 50                     | 95       | 145   | 1.1                         |
|         | Marine Engineers and Naval            |              |                         |                        |          |       |                             |
| 17-2121 | Architects                            | 40           | 40                      | 0                      | 0        | 0     | 1.3                         |
| 17-2131 | Materials Engineers                   | 320          | 250                     | 0                      | 5        | 5     | -2.4                        |
| 17-2141 | Mechanical Engineers                  | 3,660        | 3,620                   | 0                      | 80       | 80    | -0.1                        |
|         | Mining and Geological Engineers,      |              |                         |                        |          |       |                             |
| 17-2151 | Including Mining Safety Eng           | 90           | 90                      | 0                      | 0        | 0     | 0.4                         |
| 17-2161 | Nuclear Engineers                     | 420          | 260                     | 0                      | 10       | 10    | -4.5                        |
| 17-2171 | Petroleum Engineers                   | 20           | 20                      | 0                      | 0        | 0     | -0.5                        |
| 17-2199 | Engineers, All Other                  | 2,660        | 2,810                   | 15                     | 30       | 45    | 0.6                         |
|         | Drafters, Engineering, and Mapping    |              |                         |                        |          |       |                             |
| 17-3000 | Technicians                           | 13,630       | 13,950                  | 50                     | 280      | 330   | 0.2                         |
| 17-3011 | Architectural and Civil Drafters      | 2,240        | 2,120                   | 0                      | 65       | 65    | -0.5                        |
| 17-3012 | Electrical and Electronics Drafters   | 740          | 820                     | 10                     | 20       | 30    | 1.0                         |
| 17-3013 | Mechanical Drafters                   | 1,100        | 1,130                   | 5                      | 30       | 35    | 0.3                         |
|         | Aerospace Engineering and             |              |                         |                        |          |       |                             |
| 17-3021 | Operations Technicians                | 240          | 240                     | 0                      | 5        | 5     | 0.0                         |
| 17-3022 | Civil Engineering Technicians         | 1,270        | 1,330                   | 5                      | 25       | 30    | 0.5                         |
|         | Electrical and Electronic Engineering |              |                         |                        |          |       |                             |
| 17-3023 | Technicians                           | 3,260        | 3,220                   | 0                      | 65       | 65    | -0.1                        |
| 17-3024 | Electro-Mechanical Technicians        | 240          | 220                     | 0                      | 5        | 5     | -0.6                        |
|         | Environmental Engineering             |              |                         |                        |          |       |                             |
| 17-3025 | Technicians                           | 620          | 650                     | 5                      | 10       | 15    | 0.4                         |
| 17-3026 | Industrial Engineering Technicians    | 1,240        | 1,380                   | 15                     | 25       | 40    | 1.1                         |
|         |                                       |              |                         |                        |          |       |                             |
| 17-3027 | Mechanical Engineering Technicians    | 530          | 510                     | 0                      | 10       | 10    | -0.3                        |
|         |                                       |              |                         |                        |          |       |                             |
| 17-3031 | Surveying and Mapping Technicians     | 1,000        | 1,100                   | 10                     | 20       | 30    | 1.0                         |
|         | Drafters, Engineering, and Mapping    |              |                         |                        |          |       |                             |
| 17-3099 | Technicians, All Other (O             | 1,160        | 1,220                   | 5                      | 0        | 5     | 0.5                         |
|         | Life, Physical, and Social Science    |              |                         |                        |          |       |                             |
| 19-0000 | Occupations                           | 15,270       | 16,390                  | 155                    | 390      | 550   | 0.7                         |
| 19-1000 | Life Scientists                       | 1,940        | 2,120                   | 20                     | 45       | 65    | 0.9                         |
| 19-1010 | Agricultural and Food Scientists      | 220          | 240                     | 0                      | 0        | 0     | 0.6                         |
| 19-1021 | Biochemists and Biophysicists         | 200          | 210                     | 0                      | 5        | 5     | 0.8                         |

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|         |   |              |                         | Growth                 | Replace-<br>ments | Total |                             |
| 19-1022 | Microbiologists   | 140          | 150                     | 0                      | 5                 | 5     | 0.3                         |
| 19-1023 | Zoologists and Wildlife Biologists  | 180          | 160                     | 0                      | 5                 | 5     | -1.0                        |
| 19-1031 | Conservation Scientists   | 210          | 250                     | 5                      | 5                 | 10    | 1.5                         |
| 19-1032 | Foresters   | 190          | 200                     | 0                      | 5                 | 5     | 0.6                         |
| 19-1041 | Epidemiologists   | 60           | 70                      | 0                      | 0                 | 5     | 1.3                         |
| 19-1042 | Medical Scientists, Except<br>Epidemiologists   | 460          | 560                     | 10                     | 15                | 25    | 2.0                         |
| 19-1099 | Life Scientists, All Other  | 270          | 280                     | 0                      | 10                | 10    | 0.4                         |
| 19-2000 | Physical Scientists   | 3,690        | 3,770                   | 25                     | 95                | 115   | 0.2                         |
| 19-2012 | Physicists  | 180          | 140                     | 0                      | 5                 | 5     | -2.6                        |
| 19-2021 | Atmospheric and Space Scientists  | 140          | 120                     | 0                      | 5                 | 5     | -1.3                        |
| 19-2031 | Chemists  | 780          | 720                     | 0                      | 20                | 20    | -0.8                        |
| 19-2032 | Materials Scientists  | 170          | 140                     | 0                      | 5                 | 5     | -2.3                        |
| 19-2041 | Environmental Scientists and<br>Specialists, Including Health<br>Geoscientists, Except Hydrologists | 1,630        | 1,790                   | 15                     | 40                | 60    | 0.9                         |
| 19-2042 | and Geographers   | 330          | 370                     | 5                      | 10                | 10    | 1.0                         |
| 19-2043 | Hydrologists  | 50           | 50                      | 0                      | 0                 | 0     | 0.8                         |
| 19-2099 | Physical Scientists, All Other<br>Social Scientists and Related                                     | 410          | 450                     | 5                      | 10                | 10    | 0.9                         |
| 19-3000 | Workers   | 4,680        | 5,370                   | 70                     | 75                | 145   | 1.4                         |
| 19-3011 | Economists  | 120          | 130                     | 0                      | 5                 | 5     | 0.6                         |
| 19-3021 | Market Research Analysts  | 1,140        | 1,350                   | 20                     | 10                | 30    | 1.7                         |
| 19-3022 | Survey Researchers  | 70           | 60                      | 0                      | 0                 | 0     | -1.7                        |
| 19-3031 | Clinical, Counseling, and School<br>Psychologists   | 2,480        | 2,890                   | 40                     | 40                | 80    | 1.5                         |
| 19-3032 | Industrial-Organizational<br>Psychologists  | 30           | 30                      | 0                      | 0                 | 0     | 0.3                         |
| 19-3041 | Sociologists  | 10           | 10                      | 0                      | 0                 | 0     | 0.0                         |
| 19-3051 | Urban and Regional Planners   | 380          | 440                     | 5                      | 10                | 15    | 1.4                         |
| 19-3091 | Anthropologists and Archeologists   | 50           | 40                      | 0                      | 0                 | 0     | -1.3                        |
| 19-3092 | Geographers   | 20           | 20                      | 0                      | 0                 | 0     | 0.0                         |
| 19-3093 | Historians  | 20           | 20                      | 0                      | 0                 | 0     | 1.5                         |
| 19-3099 | Social Scientists and Related<br>Workers, All Other   | 360          | 390                     | 0                      | 10                | 15    | 0.6                         |
| 19-4000 | Life, Physical, and Social Science<br>Technicians   | 4,970        | 5,130                   | 45                     | 175               | 220   | 0.3                         |
| 19-4011 | Agricultural and Food Science<br>Technicians  | 250          | 240                     | 0                      | 5                 | 5     | -0.4                        |
| 19-4021 | Biological Technicians  | 910          | 1,030                   | 10                     | 30                | 45    | 1.3                         |
| 19-4031 | Chemical Technicians  | 1,010        | 960                     | 0                      | 35                | 35    | -0.5                        |
| 19-4041 | Geological and Petroleum<br>Technicians   | 60           | 70                      | 0                      | 0                 | 5     | 1.8                         |
| 19-4051 | Nuclear Technicians   | 450          | 310                     | 0                      | 15                | 15    | -3.8                        |

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|         |   |              |                         | Growth                 | Replaces | Total |                             |
|         | Environmental Science and                                       |              |                         |                        |          |       |                             |
| 19-4091 | Protection Technicians, Including                               | 840          | 1,060                   | 20                     | 30       | 55    | 2.3                         |
| 19-4092 | Forensic Science Technicians                                    | 200          | 260                     | 5                      | 10       | 15    | 2.6                         |
| 19-4093 | Forest and Conservation Technicians                             | 350          | 360                     | 0                      | 15       | 15    | 0.5                         |
| 19-4099 | Life, Physical, and Social Science<br>Technicians, All Other    | 920          | 850                     | 0                      | 35       | 35    | -0.8                        |
| 21-0000 | Community and Social Services<br>Occupations                    | 47,610       | 58,180                  | 1,055                  | 790      | 1,845 | 2.0                         |
| 21-1000 | Counselors, Social Workers, and<br>Other Community and Social S | 29,750       | 37,030                  | 730                    | 550      | 1,280 | 2.2                         |
| 21-1011 | Substance Abuse and Behavioral<br>Disorder Counselors           | 1,280        | 1,760                   | 50                     | 25       | 75    | 3.2                         |
| 21-1012 | Educational, Vocational, and School<br>Counselors               | 4,460        | 5,080                   | 60                     | 90       | 150   | 1.3                         |
| 21-1013 | Marriage and Family Therapists                                  | 480          | 680                     | 20                     | 10       | 30    | 3.4                         |
| 21-1014 | Mental Health Counselors  | 2,920        | 3,830                   | 90                     | 60       | 150   | 2.8                         |
| 21-1015 | Rehabilitation Counselors                                       | 2,120        | 2,700                   | 60                     | 40       | 100   | 2.4                         |
| 21-1021 | Child, Family, and School Social<br>Workers                     | 6,500        | 7,600                   | 110                    | 135      | 245   | 1.6                         |
| 21-1022 | Medical and Public Health Social<br>Workers                     | 2,490        | 3,060                   | 55                     | 55       | 110   | 2.1                         |
| 21-1023 | Mental Health and Substance Abuse<br>Social Workers             | 2,830        | 3,860                   | 105                    | 60       | 165   | 3.2                         |
| 21-1091 | Health Educators  | 1,280        | 1,620                   | 35                     | 15       | 50    | 2.4                         |
| 21-1092 | Probation Officers and Correctional<br>Treatment Specialists    | 2,180        | 2,580                   | 40                     | 25       | 65    | 1.7                         |
| 21-1093 | Social and Human Service Assistants                             | 3,210        | 4,270                   | 105                    | 35       | 145   | 2.9                         |
| 21-2000 | Religious Workers   | 14,390       | 16,960                  | 255                    | 240      | 495   | 1.7                         |
| 21-2011 | Clergy  | 9,640        | 11,320                  | 170                    | 130      | 295   | 1.6                         |
| 21-2021 | Directors, Religious Activities and<br>Education                | 4,760        | 5,640                   | 90                     | 110      | 200   | 1.7                         |
| 21-9000 | Miscellaneous Counselors, Social, &<br>Religious Workers        | 3,470        | 4,200                   | 75                     | 0        | 75    | 1.9                         |
| 21-9099 | Counselors, Social, and Religious<br>Workers, All Other (OES On | 3,470        | 4,200                   | 75                     | 0        | 75    | 1.9                         |
| 23-0000 | Legal Occupations   | 14,370       | 18,160                  | 380                    | 240      | 620   | 2.4                         |
| 23-1000 | Lawyers, Judges, and Related<br>Workers                         | 8,880        | 10,950                  | 205                    | 170      | 375   | 2.1                         |
| 23-1011 | Lawyers   | 8,230        | 10,200                  | 200                    | 155      | 355   | 2.2                         |
| 23-1021 | Administrative Law Judges,<br>Adjudicators, and Hearing Officer | 340          | 360                     | 5                      | 5        | 10    | 0.7                         |
| 23-1022 | Arbitrators, Mediators, and<br>Conciliators                     | 60           | 70                      | 0                      | 0        | 0     | 2.0                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 23-1023 | Judges, Magistrate Judges, and Magistrates                   | 260          | 310                     | 5                      | 5        | 10    | 1.9                         |
| 23-2000 | Legal Support Workers  | 5,100        | 6,760                   | 165                    | 70       | 240   | 2.9                         |
| 23-2011 | Paralegals and Legal Assistants                              | 3,820        | 5,270                   | 145                    | 50       | 195   | 3.3                         |
| 23-2091 | Court Reporters  | 170          | 300                     | 10                     | 5        | 15    | 5.6                         |
| 23-2092 | Law Clerks   | 330          | 370                     | 5                      | 5        | 10    | 1.2                         |
| 23-2093 | Title Examiners, Abstractors, and Searchers                  | 770          | 830                     | 5                      | 15       | 20    | 0.7                         |
| 23-9000 | Miscellaneous Legal & Related Workers                        | 390          | 450                     | 5                      | 0        | 5     | 1.3                         |
| 23-9099 | Legal and Related Workers, All Other (OES Only)              | 390          | 450                     | 5                      | 0        | 5     | 1.3                         |
| 25-0000 | Education, Training, and Library Occupations                 | 153,660      | 183,630                 | 3,000                  | 3,065    | 6,060 | 1.8                         |
| 25-1000 | Postsecondary Teachers                                       | 24,170       | 28,490                  | 430                    | 405      | 835   | 1.7                         |
| 25-1011 | Business Teachers, Postsecondary                             | 1,170        | 1,380                   | 20                     | 20       | 40    | 1.7                         |
| 25-1021 | Computer Science Teachers, Postsecondary                     | 760          | 890                     | 15                     | 15       | 25    | 1.6                         |
| 25-1022 | Mathematical Science Teachers, Postsecondary                 | 860          | 1,010                   | 15                     | 15       | 30    | 1.7                         |
| 25-1031 | Architecture Teachers, Postsecondary                         | 60           | 70                      | 0                      | 0        | 0     | 1.5                         |
| 25-1032 | Engineering Teachers, Postsecondary                          | 460          | 540                     | 10                     | 10       | 15    | 1.6                         |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary                | 130          | 160                     | 0                      | 0        | 5     | 1.7                         |
| 25-1042 | Biological Science Teachers, Postsecondary                   | 700          | 820                     | 15                     | 10       | 25    | 1.7                         |
| 25-1043 | Forestry and Conservation Science Teachers, Postsecondary    | 40           | 50                      | 0                      | 0        | 0     | 1.4                         |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Pos | 30           | 30                      | 0                      | 0        | 0     | 1.8                         |
| 25-1052 | Chemistry Teachers, Postsecondary                            | 340          | 400                     | 5                      | 5        | 10    | 1.6                         |
| 25-1053 | Environmental Science Teachers, Postsecondary                | 60           | 70                      | 0                      | 0        | 0     | 1.5                         |
| 25-1054 | Physics Teachers, Postsecondary                              | 220          | 250                     | 5                      | 5        | 10    | 1.5                         |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary          | 50           | 60                      | 0                      | 0        | 0     | 1.5                         |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary   | 50           | 60                      | 0                      | 0        | 0     | 1.9                         |
| 25-1063 | Economics Teachers, Postsecondary                            | 530          | 620                     | 10                     | 10       | 20    | 1.6                         |



**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 25-1064 | Geography Teachers, Postsecondary                                  | 50           | 60                      | 0                      | 0        | 0     | 1.6                         |
| 25-1065 | Political Science Teachers,<br>Postsecondary                       | 160          | 180                     | 5                      | 5        | 5     | 1.5                         |
| 25-1066 | Psychology Teachers, Postsecondary                                 | 640          | 750                     | 10                     | 10       | 20    | 1.6                         |
| 25-1067 | Sociology Teachers, Postsecondary                                  | 1,000        | 1,170                   | 15                     | 15       | 35    | 1.6                         |
| 25-1071 | Health Specialties Teachers,<br>Postsecondary                      | 2,490        | 2,990                   | 50                     | 40       | 90    | 1.9                         |
| 25-1072 | Nursing Instructors and Teachers,<br>Postsecondary                 | 790          | 930                     | 15                     | 15       | 25    | 1.7                         |
| 25-1081 | Education Teachers, Postsecondary                                  | 1,600        | 1,890                   | 30                     | 25       | 55    | 1.7                         |
| 25-1082 | Library Science Teachers,<br>Postsecondary                         | 130          | 150                     | 0                      | 0        | 5     | 1.6                         |
| 25-1111 | Criminal Justice and Law<br>Enforcement Teachers,<br>Postsecondary | 180          | 220                     | 5                      | 5        | 5     | 1.8                         |
| 25-1112 | Law Teachers, Postsecondary  | 110          | 130                     | 0                      | 0        | 5     | 1.6                         |
| 25-1113 | Social Work Teachers,<br>Postsecondary                             | 140          | 160                     | 0                      | 0        | 5     | 1.5                         |
| 25-1121 | Art, Drama, and Music Teachers,<br>Postsecondary                   | 1,660        | 1,960                   | 30                     | 30       | 60    | 1.7                         |
| 25-1122 | Communications Teachers,<br>Postsecondary                          | 420          | 490                     | 5                      | 5        | 15    | 1.6                         |
| 25-1123 | English Language and Literature<br>Teachers, Postsecondary         | 1,150        | 1,360                   | 20                     | 20       | 40    | 1.7                         |
| 25-1124 | Foreign Language and Literature<br>Teachers, Postsecondary         | 380          | 440                     | 5                      | 5        | 15    | 1.6                         |
| 25-1125 | History Teachers, Postsecondary                                    | 450          | 530                     | 10                     | 10       | 15    | 1.6                         |
| 25-1126 | Philosophy and Religion Teachers,<br>Postsecondary                 | 390          | 450                     | 5                      | 5        | 15    | 1.6                         |
| 25-1191 | Graduate Teaching Assistants                                       | 2,380        | 2,770                   | 40                     | 40       | 80    | 1.5                         |
| 25-1192 | Home Economics Teachers,<br>Postsecondary                          | 60           | 70                      | 0                      | 0        | 0     | 1.5                         |
| 25-1193 | Recreation and Fitness Studies<br>Teachers, Postsecondary          | 260          | 310                     | 5                      | 5        | 10    | 1.7                         |
| 25-1194 | Vocational Education Teachers,<br>Postsecondary                    | 1,840        | 2,190                   | 35                     | 30       | 65    | 1.8                         |
| 25-1199 | Postsecondary Teachers, All Other                                  | 2,450        | 2,870                   | 40                     | 40       | 85    | 1.6                         |
| 25-2000 | Primary, Secondary, and Special<br>Education School Teachers       | 85,470       | 103,650                 | 1,820                  | 1,970    | 3,785 | 1.9                         |
| 25-2011 | Preschool Teachers, Except Special<br>Education                    | 10,170       | 12,770                  | 260                    | 170      | 430   | 2.3                         |



**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total |                             |
| 25-2012 | Kindergarten Teachers, Except<br>Special Education              | 3,780        | 4,770                   | 100                    | 60       | 160   | 2.4                         |
| 25-2021 | Elementary School Teachers, Except<br>Special Education         | 30,740       | 38,000                  | 725                    | 670      | 1,395 | 2.1                         |
| 25-2022 | Middle School Teachers, Except<br>Special and Vocational Educat | 10,570       | 12,800                  | 225                    | 230      | 455   | 1.9                         |
| 25-2023 | Vocational Education Teachers,<br>Middle School                 | 250          | 260                     | 0                      | 5        | 5     | 0.3                         |
| 25-2031 | Secondary School Teachers, Except<br>Special and Vocational Edu | 19,050       | 21,920                  | 285                    | 565      | 855   | 1.4                         |
| 25-2032 | Vocational Education Teachers,<br>Secondary School              | 2,690        | 2,820                   | 10                     | 80       | 90    | 0.5                         |
| 25-2041 | Special Education Teachers,<br>Preschool, Kindergarten, and Ele | 4,330        | 5,620                   | 130                    | 95       | 225   | 2.6                         |
| 25-2042 | Special Education Teachers, Middle<br>School                    | 1,200        | 1,510                   | 30                     | 25       | 60    | 2.4                         |
| 25-2043 | Special Education Teachers,<br>Secondary School                 | 2,690        | 3,170                   | 50                     | 60       | 110   | 1.7                         |
| 25-3000 | Other Teachers and Instructors                                  | 8,810        | 10,540                  | 175                    | 45       | 215   | 1.8                         |
| 25-3011 | Adult Literacy, Remedial Education,<br>and GED Teachers and Ins | 1,300        | 1,480                   | 20                     | 15       | 35    | 1.4                         |
| 25-3021 | Self-Enrichment Education Teachers                              | 2,840        | 3,550                   | 70                     | 30       | 100   | 2.3                         |
| 25-3999 | Teachers, Primary, Secondary, and<br>Adult, All Other (OES Only | 4,670        | 5,510                   | 85                     | 0        | 85    | 1.7                         |
| 25-4000 | Librarians, Curators, and Archivists                            | 5,190        | 5,840                   | 65                     | 175      | 240   | 1.2                         |
| 25-4010 | Archivists, Curators, and Museum<br>Technicians                 | 230          | 260                     | 5                      | 0        | 5     | 1.5                         |
| 25-4021 | Librarians  | 3,120        | 3,450                   | 35                     | 85       | 120   | 1.0                         |
| 25-4031 | Library Technicians   | 1,840        | 2,120                   | 30                     | 90       | 115   | 1.4                         |
| 25-9000 | Other Education, Training, and<br>Library Occupations           | 30,020       | 35,120                  | 510                    | 475      | 985   | 1.6                         |
| 25-9011 | Audio-Visual Collections Specialists                            | 60           | 50                      | 0                      | 0        | 0     | -1.3                        |
| 25-9021 | Farm and Home Management<br>Advisors                            | 80           | 80                      | 0                      | 0        | 0     | -0.2                        |
| 25-9031 | Instructional Coordinators                                      | 2,070        | 2,680                   | 60                     | 30       | 90    | 2.6                         |
| 25-9041 | Teacher Assistants  | 27,200       | 31,660                  | 445                    | 445      | 890   | 1.5                         |
| 25-9199 | Library, Museum, Training, and Other<br>Education Workers, All  | 600          | 660                     | 5                      | 0        | 5     | 0.9                         |
| 27-0000 | Arts, Design, Entertainment, Sports,<br>and Media Occupations   | 43,750       | 45,700                  | 310                    | 980      | 1,290 | 0.4                         |
| 27-1000 | Art and Design Workers  | 13,170       | 13,810                  | 65                     | 335      | 400   | 0.5                         |
| 27-1011 | Art Directors   | 1,060        | 1,050                   | 0                      | 25       | 25    | -0.1                        |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total |                             |
|         | Fine Artists, Including Painters,<br>Sculptors, and Illustrator | 860          | 960                     | 10                     | 20       | 30    | 1.1                         |
| 27-1014 | Multi-Media Artists and Animators                               | 920          | 960                     | 5                      | 20       | 25    | 0.4                         |
| 27-1021 | Commercial and Industrial Designers                             | 640          | 650                     | 0                      | 15       | 20    | 0.2                         |
| 27-1022 | Fashion Designers   | 70           | 60                      | 0                      | 0        | 0     | -1.3                        |
| 27-1023 | Floral Designers  | 2,170        | 2,260                   | 10                     | 60       | 65    | 0.4                         |
| 27-1024 | Graphic Designers   | 4,370        | 4,460                   | 10                     | 115      | 125   | 0.2                         |
| 27-1025 | Interior Designers  | 1,180        | 1,190                   | 0                      | 30       | 30    | 0.1                         |
|         | Merchandise Displayers and Window<br>Trimmers                   | 1,650        | 1,950                   | 30                     | 45       | 75    | 1.7                         |
| 27-1027 | Set and Exhibit Designers                                       | 60           | 70                      | 0                      | 0        | 5     | 1.3                         |
|         | Art and Design Workers, All Other<br>(OES Only)                 | 190          | 200                     | 0                      | 0        | 0     | 0.5                         |
|         | Entertainers and Performers, Sports<br>and Related Workers      | 14,060       | 13,900                  | 85                     | 335      | 420   | -0.1                        |
| 27-2000 | Actors  | 570          | 580                     | 0                      | 10       | 15    | 0.1                         |
| 27-2012 | Producers and Directors   | 1,520        | 1,560                   | 5                      | 45       | 50    | 0.3                         |
| 27-2021 | Athletes and Sports Competitors                                 | 300          | 380                     | 10                     | 10       | 15    | 2.4                         |
| 27-2022 | Coaches and Scouts  | 2,590        | 2,980                   | 40                     | 65       | 105   | 1.4                         |
|         | Umpires, Referees, and Other Sports<br>Officials                | 140          | 220                     | 10                     | 5        | 10    | 4.5                         |
| 27-2031 | Dancers   | 130          | 150                     | 5                      | 5        | 10    | 1.9                         |
| 27-2032 | Choreographers  | 400          | 400                     | 0                      | 20       | 20    | 0.1                         |
| 27-2041 | Music Directors and Composers                                   | 1,400        | 1,520                   | 10                     | 30       | 40    | 0.8                         |
| 27-2042 | Musicians and Singers   | 6,800        | 5,790                   | 0                      | 140      | 140   | -1.6                        |
|         | Entertainers and Performers, Sports<br>and Related Workers, All | 230          | 320                     | 10                     | 5        | 15    | 3.6                         |
| 27-3000 | Media and Communication Workers                                 | 10,570       | 11,610                  | 110                    | 155      | 265   | 0.9                         |
| 27-3010 | Announcers  | 1,330        | 1,410                   | 10                     | 0        | 10    | 0.6                         |
|         | News Analysts, Reporters and<br>Correspondents                  | 1,090        | 1,100                   | 0                      | 0        | 0     | 0.1                         |
| 27-3031 | Public Relations Specialists                                    | 2,180        | 2,510                   | 35                     | 15       | 50    | 1.4                         |
| 27-3041 | Editors   | 1,750        | 1,850                   | 10                     | 50       | 60    | 0.6                         |
| 27-3042 | Technical Writers   | 450          | 520                     | 5                      | 15       | 20    | 1.5                         |
| 27-3043 | Writers and Authors   | 2,580        | 2,960                   | 35                     | 45       | 85    | 1.4                         |
| 27-3091 | Interpreters and Translators                                    | 460          | 590                     | 10                     | 10       | 25    | 2.4                         |
|         | Media and Communication Workers,<br>All Other                   | 740          | 680                     | 0                      | 20       | 20    | -0.8                        |
| 27-4000 | Media and Communication<br>Equipment Workers                    | 5,950        | 6,380                   | 50                     | 150      | 200   | 0.7                         |
|         | Audio and Video Equipment<br>Technicians                        | 950          | 1,110                   | 15                     | 30       | 45    | 1.6                         |
| 27-4012 | Broadcast Technicians   | 610          | 670                     | 5                      | 20       | 25    | 0.9                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 27-4014 | Sound Engineering Technicians                              | 440          | 450                     | 0                      | 15       | 15    | 0.4                         |
| 27-4021 | Photographers  | 2,810        | 3,070                   | 25                     | 60       | 90    | 0.9                         |
| 27-4031 | Camera Operators, Television, Video,<br>and Motion Picture | 330          | 330                     | 0                      | 5        | 5     | -0.1                        |
| 27-4032 | Film and Video Editors                                     | 560          | 550                     | 0                      | 10       | 10    | -0.3                        |
| 27-4099 | Media and Communication<br>Equipment Workers, All Other    | 240          | 200                     | 0                      | 5        | 5     | -1.9                        |
| 29-0000 | Healthcare Practitioners and<br>Technical Occupations      | 163,940      | 202,350                 | 3,840                  | 3,100    | 6,940 | 2.1                         |
| 29-1000 | Health Diagnosing and Treating<br>Practitioners            | 90,330       | 112,370                 | 2,205                  | 1,480    | 3,685 | 2.2                         |
| 29-1011 | Chiropractors  | 500          | 510                     | 0                      | 5        | 5     | 0.4                         |
| 29-1020 | Dentists   | 1,270        | 1,490                   | 20                     | 0        | 20    | 1.6                         |
| 29-1031 | Dietitians and Nutritionists                               | 1,090        | 1,190                   | 10                     | 30       | 40    | 0.9                         |
| 29-1041 | Optometrists   | 580          | 620                     | 5                      | 10       | 15    | 0.8                         |
| 29-1051 | Pharmacists  | 5,810        | 8,140                   | 235                    | 100      | 335   | 3.4                         |
| 29-1061 | Anesthesiologists  | 760          | 960                     | 20                     | 15       | 35    | 2.4                         |
| 29-1062 | Family and General Practitioners                           | 1,210        | 1,390                   | 20                     | 20       | 40    | 1.4                         |
| 29-1063 | Internists, General  | 1,160        | 1,340                   | 20                     | 20       | 40    | 1.5                         |
| 29-1064 | Obstetricians and Gynecologists                            | 380          | 480                     | 10                     | 5        | 15    | 2.4                         |
| 29-1065 | Pediatricians, General                                     | 670          | 780                     | 10                     | 10       | 20    | 1.4                         |
| 29-1066 | Psychiatrists  | 340          | 390                     | 5                      | 5        | 10    | 1.5                         |
| 29-1067 | Surgeons   | 1,360        | 1,560                   | 20                     | 25       | 45    | 1.4                         |
| 29-1069 | Physicians and Surgeons, All Other                         | 5,650        | 6,680                   | 105                    | 100      | 205   | 1.7                         |
| 29-1071 | Physician Assistants                                       | 880          | 1,180                   | 30                     | 10       | 40    | 3.0                         |
| 29-1081 | Podiatrists  | 190          | 210                     | 0                      | 5        | 10    | 0.8                         |
| 29-1111 | Registered Nurses  | 55,510       | 69,760                  | 1,425                  | 915      | 2,340 | 2.3                         |
| 29-1121 | Audiologists   | 530          | 620                     | 10                     | 5        | 15    | 1.6                         |
| 29-1122 | Occupational Therapists                                    | 1,520        | 1,830                   | 30                     | 20       | 55    | 1.9                         |
| 29-1123 | Physical Therapists  | 3,660        | 4,410                   | 75                     | 45       | 120   | 1.9                         |
| 29-1124 | Radiation Therapists                                       | 380          | 480                     | 10                     | 5        | 15    | 2.4                         |
| 29-1125 | Recreational Therapists                                    | 450          | 470                     | 0                      | 5        | 10    | 0.5                         |
| 29-1126 | Respiratory Therapists                                     | 2,630        | 3,280                   | 65                     | 40       | 105   | 2.2                         |
| 29-1127 | Speech-Language Pathologists                               | 1,750        | 1,960                   | 20                     | 35       | 55    | 1.2                         |
| 29-1131 | Veterinarians  | 1,160        | 1,570                   | 40                     | 25       | 65    | 3.1                         |
| 29-1199 | Health Diagnosing and Treating<br>Practitioners, All Other | 910          | 1,060                   | 15                     | 15       | 30    | 1.5                         |
| 29-2000 | Health Technologists and<br>Technicians                    | 69,860       | 85,590                  | 1,575                  | 1,610    | 3,185 | 2.1                         |
| 29-2011 | Medical and Clinical Laboratory<br>Technologists           | 3,930        | 4,400                   | 45                     | 60       | 105   | 1.1                         |
| 29-2012 | Medical and Clinical Laboratory<br>Technicians             | 4,670        | 5,510                   | 85                     | 70       | 155   | 1.7                         |
| 29-2021 | Dental Hygienists  | 3,040        | 3,800                   | 75                     | 60       | 135   | 2.2                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
|         | Cardiovascular Technologists and Technicians               | 930          | 1,170                   | 25                     | 15       | 35    | 2.3                         |
| 29-2032 | Diagnostic Medical Sonographers                            | 1,190        | 1,480                   | 30                     | 15       | 45    | 2.1                         |
| 29-2033 | Nuclear Medicine Technologists                             | 510          | 610                     | 10                     | 5        | 15    | 1.7                         |
|         | Radiologic Technologists and Technicians                   | 5,780        | 6,840                   | 105                    | 80       | 185   | 1.7                         |
| 29-2041 | Emergency Medical Technicians and Paramedics               | 6,300        | 7,540                   | 125                    | 70       | 195   | 1.8                         |
| 29-2051 | Dietetic Technicians                                       | 800          | 930                     | 15                     | 25       | 40    | 1.6                         |
| 29-2052 | Pharmacy Technicians                                       | 8,170        | 12,760                  | 460                    | 250      | 710   | 4.6                         |
| 29-2053 | Psychiatric Technicians                                    | 1,670        | 1,900                   | 25                     | 50       | 75    | 1.3                         |
| 29-2054 | Respiratory Therapy Technicians                            | 510          | 530                     | 0                      | 15       | 20    | 0.3                         |
| 29-2055 | Surgical Technologists                                     | 3,050        | 3,900                   | 85                     | 95       | 175   | 2.5                         |
|         | Veterinary Technologists and Technicians                   | 1,150        | 1,570                   | 40                     | 35       | 75    | 3.2                         |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses          | 23,250       | 26,710                  | 345                    | 635      | 980   | 1.4                         |
|         | Medical Records and Health Information Technicians         | 3,530        | 4,280                   | 75                     | 95       | 170   | 2.0                         |
| 29-2081 | Opticians, Dispensing                                      | 1,160        | 1,350                   | 20                     | 35       | 55    | 1.6                         |
| 29-2091 | Orthotists and Prosthetists                                | 240          | 340                     | 10                     | 0        | 10    | 3.6                         |
|         | Other Healthcare Practitioners and Technical Occupations   | 1,090        | 1,250                   | 15                     | 5        | 20    | 1.4                         |
|         | Occupational Health and Safety Specialists and Technicians | 790          | 890                     | 10                     | 0        | 10    | 1.1                         |
| 29-9091 | Athletic Trainers  | 300          | 360                     | 5                      | 5        | 15    | 2.0                         |
| 29-9100 | Other Health Practitioners And Technical Workers           |              |                         |                        |          |       |                             |
|         | Health Professionals and Technicians, All Other (OES Only) | 2,660        | 3,140                   | 50                     | 0        | 50    | 1.7                         |
| 31-0000 | Healthcare Support Occupations                             | 70,130       | 88,590                  | 1,845                  | 745      | 2,590 | 2.4                         |
|         | Nursing, Psychiatric, and Home Health Aides                | 43,640       | 55,480                  | 1,185                  | 390      | 1,575 | 2.4                         |
| 31-1011 | Home Health Aides  | 10,790       | 15,650                  | 485                    | 95       | 585   | 3.8                         |
|         | Nursing Aides, Orderlies, and Attendants                   | 32,510       | 39,370                  | 685                    | 290      | 975   | 1.9                         |
| 31-1013 | Psychiatric Aides  | 350          | 460                     | 10                     | 5        | 15    | 2.9                         |
|         | Occupational and Physical Therapist Assistants and Aides   | 3,030        | 3,800                   | 75                     | 40       | 115   | 2.3                         |
| 31-2011 | Occupational Therapist Assistants                          | 360          | 440                     | 10                     | 5        | 15    | 1.9                         |
| 31-2012 | Occupational Therapist Aides                               | 60           | 70                      | 0                      | 0        | 0     | 1.1                         |
| 31-2021 | Physical Therapist Assistants                              | 1,750        | 2,260                   | 50                     | 25       | 75    | 2.6                         |
| 31-2022 | Physical Therapist Aides                                   | 850          | 1,030                   | 20                     | 10       | 30    | 1.9                         |
|         | Other Healthcare Support Occupations                       | 23,460       | 29,320                  | 585                    | 315      | 900   | 2.3                         |
| 31-9011 | Massage Therapists   | 1,480        | 1,660                   | 20                     | 15       | 35    | 1.2                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |        | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|--------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total  |                             |
| 31-9091 | Dental Assistants   | 5,050        | 6,290                   | 125                    | 90       | 210    | 2.2                         |
| 31-9092 | Medical Assistants  | 9,310        | 12,710                  | 340                    | 115      | 455    | 3.2                         |
| 31-9093 | Medical Equipment Preparers   | 480          | 560                     | 10                     | 5        | 15     | 1.5                         |
| 31-9094 | Medical Transcriptionists   | 2,150        | 2,420                   | 25                     | 25       | 55     | 1.2                         |
| 31-9095 | Pharmacy Aides  | 1,020        | 1,060                   | 5                      | 15       | 20     | 0.5                         |
| 31-9096 | Veterinary Assistants and Laboratory<br>Animal Caretakers             | 1,440        | 1,670                   | 25                     | 20       | 40     | 1.5                         |
| 31-9099 | Healthcare Support Workers, All<br>Other                              | 2,540        | 2,940                   | 40                     | 30       | 70     | 1.5                         |
| 33-0000 | Protective Service Occupations  | 60,170       | 72,640                  | 1,250                  | 1,600    | 2,845  | 1.9                         |
| 33-1000 | First-Line Supervisors/Managers,<br>Protective Service Workers        | 3,570        | 4,200                   | 65                     | 100      | 165    | 1.6                         |
| 33-1011 | First-Line Supervisors/Managers of<br>Correctional Officers           | 420          | 500                     | 10                     | 10       | 20     | 1.7                         |
| 33-1012 | First-Line Supervisors/Managers of<br>Police and Detectives           | 1,580        | 1,830                   | 25                     | 50       | 75     | 1.5                         |
| 33-1021 | First-Line Supervisors/Managers of<br>Fire Fighting and Prevent       | 910          | 1,080                   | 15                     | 30       | 45     | 1.7                         |
| 33-1099 | Protective Service Workers,   | 650          | 790                     | 15                     | 10       | 25     | 1.9                         |
| 33-2000 | Fire Fighting and Prevention Workers                                  | 5,830        | 6,920                   | 110                    | 210      | 315    | 1.7                         |
| 33-2011 | Fire Fighters   | 5,500        | 6,570                   | 105                    | 200      | 305    | 1.8                         |
| 33-2021 | Fire Inspectors and Investigators                                     | 320          | 350                     | 5                      | 5        | 10     | 0.8                         |
| 33-2022 | Forest Fire Inspectors and Prevention<br>Specialists                  | 10           | 10                      | 0                      | 0        | 0      | 1.2                         |
| 33-3000 | Law Enforcement Workers   | 23,430       | 28,230                  | 480                    | 580      | 1,060  | 1.9                         |
| 33-3011 | Bailiffs  | 390          | 470                     | 10                     | 10       | 15     | 1.8                         |
| 33-3012 | Correctional Officers and Jailers                                     | 8,720        | 10,630                  | 190                    | 200      | 390    | 2.0                         |
| 33-3021 | Detectives and Criminal Investigators                                 | 2,570        | 3,280                   | 70                     | 55       | 130    | 2.5                         |
| 33-3031 | Fish and Game Wardens   | 390          | 400                     | 0                      | 10       | 10     | 0.3                         |
| 33-3051 | Police and Sheriff's Patrol Officers                                  | 11,140       | 13,180                  | 205                    | 300      | 500    | 1.7                         |
| 33-9000 | Other Protective Service Workers                                      | 27,340       | 33,300                  | 595                    | 715      | 1,310  | 2.0                         |
| 33-9011 | Animal Control Workers  | 360          | 440                     | 5                      | 10       | 15     | 1.8                         |
| 33-9021 | Private Detectives and Investigators                                  | 270          | 340                     | 5                      | 5        | 10     | 2.1                         |
| 33-9031 | Gaming Surveillance Officers and<br>Gaming Investigators              | 10           | 10                      | 0                      | 0        | 0      | 1.1                         |
| 33-9032 | Security Guards   | 22,780       | 27,920                  | 515                    | 460      | 975    | 2.1                         |
| 33-9091 | Crossing Guards   | 1,160        | 1,270                   | 10                     | 35       | 45     | 0.9                         |
| 33-9099 | Protective Service Workers, All Other<br>Food Preparation and Serving | 2,750        | 3,320                   | 55                     | 205      | 260    | 1.9                         |
| 35-0000 | Related Occupations   | 235,510      | 275,890                 | 4,040                  | 7,935    | 11,975 | 1.6                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 35-1000 | Supervisors, Food Preparation and Serving Workers  | 20,260       | 23,330                  | 305                    | 165      | 470   | 1.4                         |
| 35-1011 | Chefs and Head Cooks   | 1,960        | 2,170                   | 20                     | 25       | 45    | 1.0                         |
| 35-1012 | First-Line Supervisors/Managers of Food Preparation and Serv                                     | 18,310       | 21,170                  | 285                    | 140      | 425   | 1.5                         |
| 35-2000 | Cooks and Food Preparation Workers   | 70,530       | 80,370                  | 985                    | 2,035    | 3,025 | 1.3                         |
| 35-2011 | Cooks, Fast Food   | 18,630       | 20,610                  | 195                    | 505      | 700   | 1.0                         |
| 35-2012 | Cooks, Institution and Cafeteria   | 13,400       | 14,890                  | 150                    | 365      | 510   | 1.1                         |
| 35-2013 | Cooks, Private Household   | 130          | 120                     | 0                      | 5        | 5     | -1.2                        |
| 35-2014 | Cooks, Restaurant  | 18,060       | 21,390                  | 335                    | 490      | 820   | 1.7                         |
| 35-2015 | Cooks, Short Order   | 3,630        | 3,850                   | 20                     | 100      | 120   | 0.6                         |
| 35-2021 | Food Preparation Workers   | 16,670       | 19,520                  | 285                    | 580      | 865   | 1.6                         |
| 35-3000 | Food and Beverage Serving Workers  | 121,900      | 145,580                 | 2,370                  | 4,560    | 6,930 | 1.8                         |
| 35-3011 | Bartenders   | 5,340        | 6,400                   | 105                    | 195      | 300   | 1.8                         |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fas Counter Attendants, Cafeteria, Food | 56,460       | 68,530                  | 1,205                  | 1,070    | 2,280 | 2.0                         |
| 35-3022 | Concession, and Coffee S   | 8,030        | 9,050                   | 100                    | 555      | 660   | 1.2                         |
| 35-3031 | Waiters and Waitresses   | 49,750       | 58,960                  | 920                    | 2,700    | 3,625 | 1.7                         |
| 35-3041 | Food Servers, Nonrestaurant  | 2,330        | 2,640                   | 30                     | 35       | 65    | 1.3                         |
| 35-9000 | Other Food Preparation and Serving Related Workers   | 22,820       | 26,610                  | 380                    | 1,175    | 1,550 | 1.5                         |
| 35-9011 | Dining Room and Cafeteria Attendants and Bartender Helpers                                       | 4,860        | 5,700                   | 85                     | 205      | 290   | 1.6                         |
| 35-9021 | Dishwashers  | 8,550        | 9,920                   | 135                    | 350      | 485   | 1.5                         |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop   | 8,260        | 9,720                   | 145                    | 565      | 710   | 1.6                         |
| 35-9099 | Food Preparation and Serving Related Workers, All Other  | 1,160        | 1,260                   | 10                     | 55       | 70    | 0.9                         |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations  | 111,650      | 124,220                 | 1,255                  | 1,905    | 3,165 | 1.1                         |
| 37-1000 | Supervisors, Building and Grounds Cleaning and Maintenance W                                     | 10,480       | 11,760                  | 130                    | 115      | 245   | 1.2                         |
| 37-1011 | First-Line Supervisors/Managers of Housekeeping and Janitori                                     | 5,660        | 6,260                   | 60                     | 85       | 145   | 1.0                         |
| 37-1012 | First-Line Supervisors/Managers of Landscaping, Lawn Service                                     | 4,830        | 5,510                   | 70                     | 35       | 100   | 1.3                         |
| 37-2000 | Building Cleaning and Pest Control Workers   | 78,450       | 86,790                  | 835                    | 1,500    | 2,335 | 1.0                         |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaner                                     | 42,840       | 48,750                  | 590                    | 820      | 1,410 | 1.3                         |
| 37-2012 | Maids and Housekeeping Cleaners  | 33,830       | 36,060                  | 225                    | 635      | 860   | 0.6                         |
| 37-2021 | Pest Control Workers   | 1,790        | 1,980                   | 20                     | 45       | 60    | 1.0                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total |                             |
| 37-3000 | Grounds Maintenance Workers                                     | 22,710       | 25,670                  | 295                    | 290      | 585   | 1.2                         |
| 37-3011 | Landscaping and Groundskeeping<br>Workers                       | 20,250       | 22,940                  | 270                    | 265      | 535   | 1.3                         |
| 37-3012 | Pesticide Handlers, Sprayers, and<br>Applicators, Vegetation    | 560          | 600                     | 5                      | 5        | 10    | 0.7                         |
| 37-3013 | Tree Trimmers and Pruners                                       | 1,120        | 1,250                   | 15                     | 15       | 30    | 1.1                         |
| 37-9099 | Building and Grounds Cleaning and<br>Maintenance Workers, All O | 780          | 870                     | 10                     | 0        | 10    | 1.1                         |
| 39-0000 | Personal Care and Service<br>Occupations                        | 75,330       | 87,670                  | 1,255                  | 1,800    | 3,055 | 1.5                         |
| 39-1000 | Supervisors, Personal Care and<br>Service Workers               | 2,200        | 2,470                   | 30                     | 45       | 75    | 1.2                         |
| 39-1011 | Gaming Supervisors  | 50           | 60                      | 0                      | 0        | 0     | 2.0                         |
| 39-1021 | First-Line Supervisors/Managers of<br>Personal Service Workers  | 2,150        | 2,420                   | 25                     | 45       | 75    | 1.2                         |
| 39-2000 | Animal Care and Service Workers                                 | 2,520        | 3,140                   | 60                     | 40       | 105   | 2.2                         |
| 39-2011 | Animal Trainers   | 730          | 1,040                   | 30                     | 15       | 45    | 3.6                         |
| 39-2021 | Nonfarm Animal Caretakers                                       | 1,790        | 2,100                   | 30                     | 30       | 60    | 1.6                         |
| 39-3000 | Entertainment Attendants and<br>Related Workers                 | 6,590        | 7,420                   | 85                     | 305      | 395   | 1.2                         |
| 39-3021 | Motion Picture Projectionists                                   | 210          | 180                     | 0                      | 10       | 10    | -1.6                        |
| 39-3031 | Ushers, Lobby Attendants, and Ticket<br>Takers                  | 1,660        | 1,820                   | 15                     | 115      | 130   | 0.9                         |
| 39-3091 | Amusement and Recreation<br>Attendants                          | 3,430        | 3,940                   | 50                     | 170      | 220   | 1.4                         |
| 39-3092 | Costume Attendants  | 20           | 20                      | 0                      | 0        | 0     | -0.9                        |
| 39-3093 | Locker Room, Coatroom, and<br>Dressing Room Attendants          | 230          | 290                     | 5                      | 10       | 15    | 2.5                         |
| 39-3199 | Gaming Workers, All Other (OES<br>Only)                         | 1,040        | 1,170                   | 15                     | 0        | 15    | 1.2                         |
| 39-4000 | Funeral Service Workers   | 870          | 810                     | 0                      | 20       | 20    | -0.8                        |
| 39-4011 | Embalmers   | 80           | 70                      | 0                      | 0        | 0     | -0.5                        |
| 39-4021 | Funeral Attendants  | 790          | 730                     | 0                      | 20       | 20    | -0.8                        |
| 39-5000 | Personal Appearance Workers                                     | 11,520       | 12,160                  | 65                     | 140      | 205   | 0.5                         |
| 39-5011 | Barbers   | 400          | 370                     | 0                      | 5        | 5     | -0.7                        |
| 39-5012 | Hairdressers, Hairstylists, and<br>Cosmetologists               | 9,730        | 10,170                  | 45                     | 115      | 160   | 0.4                         |
| 39-5091 | Makeup Artists, Theatrical and<br>Performance                   | 10           | 20                      | 0                      | 0        | 0     | 3.1                         |
| 39-5092 | Manicurists and Pedicurists                                     | 650          | 770                     | 10                     | 5        | 20    | 1.7                         |
| 39-5093 | Shampooers  | 380          | 390                     | 0                      | 5        | 5     | 0.2                         |
| 39-5094 | Skin Care Specialists   | 350          | 440                     | 10                     | 5        | 15    | 2.3                         |
| 39-6000 | Transportation, Tourism, and Lodging<br>Attendants              | 3,400        | 3,550                   | 20                     | 80       | 100   | 0.4                         |
| 39-6011 | Baggage Porters and Bellhops                                    | 860          | 840                     | 0                      | 10       | 10    | -0.3                        |



Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |        | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|--------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total  |                             |
| 39-6012 | Concierges  | 280          | 290                     | 0                      | 5        | 5      | 0.3                         |
| 39-6021 | Tour Guides and Escorts   | 1,020        | 1,170                   | 15                     | 40       | 55     | 1.4                         |
| 39-6022 | Travel Guides   | 110          | 140                     | 5                      | 5        | 5      | 2.3                         |
| 39-6031 | Flight Attendants   | 940          | 910                     | 0                      | 15       | 15     | -0.3                        |
| 39-6032 | Transportation Attendants, Except<br>Flight Attendants and Baggage<br>Other Personal Care and Service<br>Workers  | 190          | 210                     | 0                      | 5        | 5      | 1.0                         |
| 39-9000 | Child Care Workers  | 48,230       | 58,120                  | 990                    | 1,170    | 2,160  | 1.9                         |
| 39-9011 | Personal and Home Care Aides  | 26,590       | 30,070                  | 350                    | 765      | 1,115  | 1.2                         |
| 39-9021 | Fitness Trainers and Aerobics<br>Instructors  | 12,310       | 16,850                  | 455                    | 210      | 665    | 3.2                         |
| 39-9031 | Recreation Workers  | 2,820        | 3,360                   | 55                     | 55       | 105    | 1.8                         |
| 39-9032 | Residential Advisors  | 3,750        | 4,450                   | 70                     | 70       | 140    | 1.7                         |
| 39-9041 | Personal Care and Service Workers,<br>All Other   | 1,900        | 2,550                   | 65                     | 55       | 120    | 3.0                         |
| 39-9099 | Sales and Related Occupations   | 860          | 850                     | 0                      | 20       | 20     | -0.1                        |
| 41-0000 | Supervisors, Sales Workers  | 294,510      | 326,990                 | 3,345                  | 8,950    | 12,295 | 1.1                         |
| 41-1000 | First-Line Supervisors/Managers of<br>Retail Sales Workers  | 49,750       | 53,880                  | 415                    | 980      | 1,390  | 0.8                         |
| 41-1011 | First-Line Supervisors/Managers of<br>Non-Retail Sales Workers  | 39,880       | 43,520                  | 365                    | 835      | 1,200  | 0.9                         |
| 41-1012 | Retail Sales Workers  | 9,870        | 10,370                  | 50                     | 140      | 190    | 0.5                         |
| 41-2000 | Retail Sales Workers  | 175,140      | 194,590                 | 2,010                  | 6,585    | 8,600  | 1.1                         |
| 41-2011 | Cashiers  | 75,080       | 74,400                  | 0                      | 3,570    | 3,570  | -0.1                        |
| 41-2021 | Counter and Rental Clerks   | 7,830        | 9,020                   | 120                    | 300      | 420    | 1.4                         |
| 41-2022 | Parts Salespersons  | 6,240        | 6,440                   | 20                     | 70       | 90     | 0.3                         |
| 41-2031 | Retail Salespersons   | 85,990       | 104,720                 | 1,875                  | 2,650    | 4,520  | 2.0                         |
| 41-3000 | Sales Representatives, Services   | 14,490       | 16,750                  | 235                    | 300      | 535    | 1.5                         |
| 41-3011 | Advertising Sales Agents  | 2,700        | 3,280                   | 60                     | 45       | 105    | 2.0                         |
| 41-3021 | Insurance Sales Agents  | 7,510        | 8,340                   | 85                     | 165      | 245    | 1.1                         |
| 41-3031 | Securities, Commodities, and<br>Financial Services Sales Agents   | 3,260        | 4,200                   | 95                     | 85       | 180    | 2.6                         |
| 41-3041 | Travel Agents   | 1,030        | 930                     | 0                      | 5        | 5      | -1.0                        |
| 41-4000 | Sales Representatives, Wholesale<br>and Manufacturing   | 30,940       | 35,310                  | 435                    | 685      | 1,120  | 1.3                         |
| 41-4011 | Sales Representatives, Wholesale<br>and Manufacturing, Technical<br>Sales Representatives, Wholesale<br>and Manufacturing, Except Transportation<br>Other Sales and Related Workers | 8,490        | 10,350                  | 185                    | 185      | 375    | 2.0                         |
| 41-4012 | Demonstrators and Product<br>Promoters  | 22,450       | 24,960                  | 250                    | 495      | 745    | 1.1                         |
| 41-9000 | Models  | 24,190       | 26,470                  | 245                    | 405      | 650    | 0.9                         |
| 41-9011 | Real Estate Brokers   | 910          | 970                     | 5                      | 25       | 30     | 0.7                         |
| 41-9012 | Real Estate Sales Agents  | 10           | 10                      | 0                      | 0        | 0      | 0.0                         |
| 41-9021 |   | 1,030        | 1,170                   | 15                     | 15       | 30     | 1.3                         |
| 41-9022 |   | 3,350        | 3,720                   | 35                     | 55       | 90     | 1.1                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |        | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|--------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total  |                             |
| 41-9031 | Sales Engineers   | 1,180        | 1,450                   | 25                     | 30       | 55     | 2.1                         |
| 41-9041 | Telemarketers   | 3,930        | 3,740                   | 0                      | 140      | 140    | -0.5                        |
| 41-9091 | Door-To-Door Sales Workers, News<br>and Street Vendors, and Rel                             | 3,170        | 3,240                   | 5                      | 45       | 50     | 0.2                         |
| 41-9099 | Sales and Related Workers, All Other<br>Office and Administrative Support                   | 10,620       | 12,170                  | 155                    | 95       | 250    | 1.4                         |
| 43-0000 | Occupations   | 482,640      | 534,030                 | 5,750                  | 10,155   | 15,905 | 1.0                         |
| 43-1000 | Supervisors, Office and<br>Administrative Support Workers                                   | 30,510       | 33,530                  | 305                    | 630      | 935    | 1.0                         |
| 43-1011 | First-Line Supervisors/Managers of<br>Office and Administrative<br>Communications Equipment | 30,510       | 33,530                  | 305                    | 630      | 935    | 1.0                         |
| 43-2000 | Operators   | 4,590        | 4,300                   | 0                      | 95       | 95     | -0.7                        |
| 43-2011 | Switchboard Operators, Including<br>Answering Service                                       | 4,350        | 4,110                   | 0                      | 90       | 90     | -0.6                        |
| 43-2021 | Telephone Operators   | 180          | 120                     | 0                      | 0        | 0      | -3.7                        |
| 43-2099 | Communications Equipment<br>Operators, All Other  | 60           | 70                      | 0                      | 0        | 0      | 1.3                         |
| 43-3000 | Financial Clerks  | 78,390       | 89,590                  | 1,120                  | 1,550    | 2,675  | 1.3                         |
| 43-3011 | Bill and Account Collectors   | 12,270       | 16,560                  | 430                    | 185      | 615    | 3.0                         |
| 43-3021 | Billing and Posting Clerks and<br>Machine Operators   | 10,800       | 11,740                  | 95                     | 140      | 230    | 0.8                         |
| 43-3031 | Bookkeeping, Accounting, and<br>Auditing Clerks   | 37,740       | 43,070                  | 535                    | 590      | 1,125  | 1.3                         |
| 43-3051 | Payroll and Timekeeping Clerks  | 5,540        | 5,790                   | 25                     | 140      | 165    | 0.5                         |
| 43-3061 | Procurement Clerks  | 1,220        | 1,210                   | 0                      | 25       | 25     | -0.1                        |
| 43-3071 | Tellers   | 10,840       | 11,220                  | 40                     | 475      | 515    | 0.4                         |
| 43-4000 | Information and Record Clerks   | 116,610      | 136,170                 | 2,190                  | 2,880    | 5,070  | 1.6                         |
| 43-4011 | Brokerage Clerks  | 740          | 920                     | 20                     | 25       | 40     | 2.2                         |
| 43-4021 | Correspondence Clerks   | 320          | 390                     | 5                      | 10       | 15     | 2.0                         |
| 43-4031 | Court, Municipal, and License Clerks  | 2,360        | 2,810                   | 45                     | 55       | 100    | 1.8                         |
| 43-4041 | Credit Authorizers, Checkers, and<br>Clerks   | 1,500        | 1,460                   | 0                      | 45       | 45     | -0.3                        |
| 43-4051 | Customer Service Representatives  | 48,390       | 62,440                  | 1,405                  | 1,350    | 2,755  | 2.6                         |
| 43-4061 | Eligibility Interviewers, Government<br>Programs  | 4,350        | 4,630                   | 30                     | 75       | 105    | 0.6                         |
| 43-4071 | File Clerks   | 3,210        | 1,920                   | 0                      | 85       | 85     | -5.0                        |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks  | 5,460        | 6,220                   | 75                     | 220      | 295    | 1.3                         |
| 43-4111 | Interviewers, Except Eligibility and<br>Loan  | 6,040        | 7,090                   | 105                    | 160      | 265    | 1.6                         |
| 43-4121 | Library Assistants, Clerical  | 1,730        | 1,950                   | 20                     | 55       | 75     | 1.2                         |
| 43-4131 | Loan Interviewers and Clerks  | 4,030        | 3,950                   | 0                      | 70       | 70     | -0.2                        |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 43-4141 | New Accounts Clerks  | 1,270        | 980                     | 0                      | 35       | 35    | -2.5                        |
| 43-4151 | Order Clerks   | 5,160        | 4,600                   | 0                      | 110      | 110   | -1.1                        |
| 43-4161 | Human Resources Assistants, Except<br>Payroll and Timekeeping                                      | 3,750        | 4,170                   | 40                     | 30       | 70    | 1.1                         |
| 43-4171 | Receptionists and Information Clerks   | 20,200       | 24,050                  | 385                    | 495      | 880   | 1.8                         |
| 43-4181 | Reservation and Transportation<br>Ticket Agents and Travel Clerks                                  | 3,030        | 2,940                   | 0                      | 65       | 65    | -0.3                        |
| 43-4999 | Financial, Information, and Record<br>Clerks, All Other (OES On<br>Material Recording, Scheduling, | 5,060        | 5,630                   | 60                     | 0        | 60    | 1.1                         |
| 43-5000 | Dispatching, and Distributing  | 94,590       | 97,850                  | 530                    | 2,305    | 2,835 | 0.3                         |
| 43-5011 | Cargo and Freight Agents   | 2,490        | 3,320                   | 85                     | 70       | 150   | 2.9                         |
| 43-5021 | Couriers and Messengers  | 1,740        | 1,800                   | 5                      | 45       | 55    | 0.3                         |
| 43-5031 | Police, Fire, and Ambulance<br>Dispatchers   | 2,780        | 3,350                   | 60                     | 70       | 130   | 1.9                         |
| 43-5032 | Dispatchers, Except Police, Fire, and<br>Ambulance   | 4,830        | 4,950                   | 10                     | 120      | 135   | 0.2                         |
| 43-5041 | Meter Readers, Utilities   | 1,460        | 1,380                   | 0                      | 45       | 45    | -0.5                        |
| 43-5051 | Postal Service Clerks  | 1,610        | 1,830                   | 20                     | 35       | 60    | 1.3                         |
| 43-5052 | Postal Service Mail Carriers   | 7,010        | 7,980                   | 95                     | 205      | 300   | 1.3                         |
| 43-5053 | Postal Service Mail Sorters,<br>Processors, and Processing Machinery                               | 3,650        | 3,770                   | 10                     | 40       | 50    | 0.3                         |
| 43-5061 | Production, Planning, and Expediting<br>Clerks   | 6,340        | 6,750                   | 40                     | 175      | 215   | 0.6                         |
| 43-5071 | Shipping, Receiving, and Traffic<br>Clerks   | 20,280       | 22,290                  | 200                    | 485      | 685   | 0.9                         |
| 43-5081 | Stock Clerks and Order Fillers   | 40,450       | 38,750                  | 0                      | 960      | 960   | -0.4                        |
| 43-5111 | Weighers, Measurers, Checkers, and<br>Samplers, Recordkeeping                                      | 1,940        | 1,670                   | 0                      | 50       | 50    | -1.5                        |
| 43-5199 | Material Recording, Scheduling,<br>Dispatching, and Distributing                                   | 10           | 10                      | 0                      | 0        | 0     | 1.8                         |
| 43-6000 | Secretaries and Administrative<br>Assistants   | 77,220       | 84,460                  | 725                    | 1,230    | 1,955 | 0.9                         |
| 43-6011 | Executive Secretaries and<br>Administrative Assistants   | 33,080       | 37,540                  | 445                    | 525      | 975   | 1.3                         |
| 43-6012 | Legal Secretaries  | 3,390        | 4,390                   | 100                    | 55       | 155   | 2.6                         |
| 43-6013 | Medical Secretaries  | 5,780        | 6,740                   | 95                     | 90       | 190   | 1.6                         |
| 43-6014 | Secretaries, Except Legal, Medical,<br>and Executive   | 34,980       | 35,790                  | 80                     | 555      | 640   | 0.2                         |
| 43-9000 | Other Office and Administrative<br>Support Workers   | 80,740       | 88,140                  | 885                    | 1,465    | 2,350 | 0.9                         |
| 43-9011 | Computer Operators   | 3,330        | 2,550                   | 0                      | 55       | 55    | -2.6                        |
| 43-9021 | Data Entry Keyers  | 7,400        | 7,170                   | 0                      | 180      | 180   | -0.3                        |
| 43-9022 | Word Processors and Typists  | 1,390        | 1,340                   | 0                      | 25       | 25    | -0.4                        |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 43-9031 | Desktop Publishers   | 780          | 830                     | 5                      | 15       | 20    | 0.6                         |
| 43-9041 | Insurance Claims and Policy Processing Clerks                | 4,500        | 4,460                   | 0                      | 55       | 55    | -0.1                        |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Servic | 1,690        | 1,420                   | 0                      | 45       | 45    | -1.7                        |
| 43-9061 | Office Clerks, General                                       | 56,320       | 64,730                  | 840                    | 1,035    | 1,875 | 1.4                         |
| 43-9071 | Office Machine Operators, Except Computer                    | 1,300        | 1,330                   | 5                      | 45       | 45    | 0.2                         |
| 43-9081 | Proofreaders and Copy Markers                                | 380          | 310                     | 0                      | 10       | 10    | -1.9                        |
| 43-9111 | Statistical Assistants                                       | 160          | 190                     | 5                      | 5        | 10    | 1.5                         |
| 43-9999 | Secretaries, Administrative Assistants, and Other Office Sup | 3,490        | 3,810                   | 30                     | 0        | 30    | 0.9                         |
| 45-0000 | Farming, Fishing, and Forestry Occupations                   | 25,040       | 27,950                  | 315                    | 595      | 905   | 1.1                         |
| 45-1000 | Supervisors, Farming, Fishing, and Forestry Workers          | 1,360        | 1,530                   | 20                     | 25       | 45    | 1.2                         |
| 45-1011 | First-Line Supervisors/Managers of Farming, Fishing, and For | 1,300        | 1,470                   | 15                     | 25       | 40    | 1.2                         |
| 45-1012 | Farm Labor Contractors                                       | 60           | 60                      | 0                      | 0        | 0     | 0.8                         |
| 45-2000 | Agricultural Workers   | 21,750       | 24,370                  | 280                    | 535      | 815   | 1.1                         |
| 45-2011 | Agricultural Inspectors                                      | 570          | 550                     | 0                      | 15       | 15    | -0.4                        |
| 45-2021 | Animal Breeders  | 30           | 30                      | 0                      | 0        | 0     | 2.4                         |
| 45-2041 | Graders and Sorters, Agricultural Products                   | 1,060        | 890                     | 0                      | 15       | 15    | -1.7                        |
| 45-2091 | Agricultural Equipment Operators                             | 3,240        | 3,390                   | 15                     | 80       | 95    | 0.5                         |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse      | 14,200       | 16,780                  | 260                    | 355      | 615   | 1.7                         |
| 45-2093 | Farmworkers, Farm and Ranch Animals                          | 2,670        | 2,740                   | 5                      | 65       | 75    | 0.3                         |
| 45-4000 | Forest, Conservation, and Logging Workers                    | 1,330        | 1,350                   | 5                      | 35       | 40    | 0.2                         |
| 45-4011 | Forest and Conservation Workers                              | 450          | 490                     | 5                      | 15       | 20    | 1.0                         |
| 45-4021 | Fallers  | 220          | 180                     | 0                      | 5        | 5     | -1.7                        |
| 45-4022 | Logging Equipment Operators                                  | 510          | 520                     | 0                      | 10       | 10    | 0.4                         |
| 45-4023 | Log Graders and Scalers                                      | 160          | 150                     | 0                      | 5        | 5     | -0.4                        |
| 45-9000 | Other Farming, Fishing, and Forestry Workers                 | 600          | 690                     | 10                     | 0        | 10    | 1.5                         |
| 45-9099 | Farming, Fishing, and Forestry Workers, All Other (OES Only) | 600          | 690                     | 10                     | 0        | 10    | 1.5                         |
| 47-0000 | Construction and Extraction Occupations                      | 138,670      | 163,530                 | 2,495                  | 2,405    | 4,900 | 1.7                         |
| 47-1000 | Supervisors, Construction and Extraction Workers             | 13,210       | 14,960                  | 175                    | 185      | 360   | 1.3                         |
| 47-1011 | First-Line Supervisors/Managers of Construction Trades and E | 13,210       | 14,960                  | 175                    | 185      | 360   | 1.3                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |                   |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|-------------------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replace-<br>ments | Total |                             |
| 47-2000 | Construction Trades Workers                                     | 106,860      | 126,310                 | 1,950                  | 1,800             | 3,750 | 1.7                         |
| 47-2011 | Boilermakers  | 300          | 350                     | 5                      | 10                | 15    | 1.5                         |
| 47-2021 | Brickmasons and Blockmasons                                     | 2,410        | 2,890                   | 50                     | 50                | 100   | 1.9                         |
| 47-2022 | Stonemasons   | 230          | 280                     | 5                      | 5                 | 10    | 1.9                         |
| 47-2031 | Carpenters  | 19,080       | 21,070                  | 200                    | 260               | 455   | 1.0                         |
| 47-2041 | Carpet Installers   | 820          | 830                     | 0                      | 10                | 15    | 0.1                         |
| 47-2042 | Floor Layers, Except Carpet, Wood,<br>and Hard Tiles            | 490          | 450                     | 0                      | 5                 | 5     | -0.7                        |
| 47-2043 | Floor Sanders and Finishers                                     | 600          | 620                     | 0                      | 10                | 10    | 0.4                         |
| 47-2044 | Tile and Marble Setters   | 910          | 1,110                   | 20                     | 15                | 30    | 1.9                         |
| 47-2051 | Cement Masons and Concrete<br>Finishers                         | 3,180        | 3,940                   | 75                     | 90                | 170   | 2.2                         |
| 47-2053 | Terrazzo Workers and Finishers                                  | 270          | 350                     | 10                     | 10                | 15    | 2.9                         |
| 47-2061 | Construction Laborers   | 23,690       | 27,750                  | 405                    | 180               | 585   | 1.6                         |
| 47-2071 | Paving, Surfacing, and Tamping<br>Equipment Operators           | 1,770        | 2,090                   | 30                     | 35                | 65    | 1.7                         |
| 47-2072 | Pile-Driver Operators   | 220          | 270                     | 5                      | 5                 | 10    | 1.9                         |
| 47-2073 | Operating Engineers and Other<br>Construction Equipment Operato | 8,380        | 10,510                  | 215                    | 160               | 375   | 2.3                         |
| 47-2081 | Drywall and Ceiling Tile Installers                             | 1,400        | 1,620                   | 20                     | 20                | 40    | 1.5                         |
| 47-2082 | Tapers  | 360          | 410                     | 5                      | 5                 | 10    | 1.5                         |
| 47-2111 | Electricians  | 13,630       | 16,280                  | 265                    | 350               | 615   | 1.8                         |
| 47-2121 | Glaziers  | 1,220        | 1,470                   | 25                     | 20                | 45    | 1.9                         |
| 47-2130 | Insulation Workers  | 1,510        | 1,810                   | 30                     | 0                 | 30    | 1.8                         |
| 47-2141 | Painters, Construction and<br>Maintenance                       | 7,190        | 8,320                   | 115                    | 130               | 240   | 1.5                         |
| 47-2142 | Paperhangers  | 30           | 20                      | 0                      | 0                 | 0     | -1.6                        |
| 47-2151 | Pipelayers  | 2,490        | 3,030                   | 55                     | 50                | 105   | 2.0                         |
| 47-2152 | Plumbers, Pipefitters, and<br>Steamfitters                      | 9,100        | 11,550                  | 245                    | 190               | 435   | 2.4                         |
| 47-2161 | Plasterers and Stucco Masons                                    | 360          | 430                     | 10                     | 10                | 15    | 1.9                         |
| 47-2171 | Reinforcing Iron and Rebar Workers                              | 250          | 280                     | 5                      | 5                 | 10    | 1.0                         |
| 47-2181 | Roofers   | 1,980        | 2,530                   | 55                     | 45                | 100   | 2.5                         |
| 47-2211 | Sheet Metal Workers   | 3,860        | 4,760                   | 90                     | 95                | 185   | 2.1                         |
| 47-2221 | Structural Iron and Steel Workers                               | 1,170        | 1,300                   | 15                     | 40                | 50    | 1.1                         |
| 47-3000 | Helpers, Construction Trades                                    | 9,070        | 11,090                  | 200                    | 230               | 430   | 2.0                         |
| 47-3011 | Helpers--Brickmasons, Blockmasons,<br>Stonemasons, and Tile and | 1,040        | 1,270                   | 25                     | 25                | 50    | 2.0                         |
| 47-3012 | Helpers--Carpenters   | 1,310        | 1,500                   | 20                     | 35                | 50    | 1.4                         |
| 47-3013 | Helpers--Electricians   | 2,610        | 3,280                   | 70                     | 65                | 135   | 2.3                         |
| 47-3014 | Helpers--Painters, Paperhangers,<br>Plasterers, and Stucco Maso | 490          | 510                     | 5                      | 10                | 15    | 0.5                         |
| 47-3015 | Helpers--Pipelayers, Plumbers,<br>Pipefitters, and Steamfitters | 2,270        | 2,890                   | 60                     | 60                | 120   | 2.4                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation  | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total |                             |
| 47-3016 | Helpers--Roofers  | 500          | 600                     | 10                     | 15       | 25    | 1.9                         |
| 47-3019 | Helpers, Construction Trades, All                                 | 860          | 1,040                   | 20                     | 20       | 40    | 1.9                         |
| 47-4000 | Other Construction and Related<br>Workers                         | 7,430        | 8,820                   | 140                    | 145      | 290   | 1.7                         |
| 47-4011 | Construction and Building Inspectors                              | 1,180        | 1,340                   | 15                     | 20       | 40    | 1.3                         |
| 47-4021 | Elevator Installers and Repairers                                 | 520          | 670                     | 15                     | 15       | 30    | 2.6                         |
| 47-4031 | Fence Erectors  | 490          | 730                     | 25                     | 10       | 35    | 4.0                         |
| 47-4041 | Hazardous Materials Removal<br>Workers                            | 940          | 1,200                   | 25                     | 20       | 45    | 2.5                         |
| 47-4051 | Highway Maintenance Workers                                       | 3,650        | 4,130                   | 50                     | 65       | 115   | 1.3                         |
| 47-4061 | Rail-Track Laying and Maintenance<br>Equipment Operators          | 240          | 210                     | 0                      | 5        | 5     | -1.0                        |
| 47-4071 | Septic Tank Servicers and Sewer<br>Pipe Cleaners                  | 430          | 540                     | 10                     | 10       | 20    | 2.4                         |
| 47-4900 | All Other Construction Trades and<br>Related Workers              | 670          | 830                     | 15                     | 0        | 15    | 2.2                         |
| 47-4999 | Construction Trades and Related<br>Workers, All Other (OES Only)  | 670          | 830                     | 15                     | 0        | 15    | 2.2                         |
| 47-5000 | Extraction Workers  | 1,430        | 1,510                   | 10                     | 45       | 55    | 0.5                         |
| 47-5011 | Derrick Operators, Oil and Gas                                    | 10           | 10                      | 0                      | 0        | 0     | -1.2                        |
| 47-5012 | Rotary Drill Operators, Oil and Gas                               | 30           | 30                      | 0                      | 0        | 0     | -0.4                        |
| 47-5021 | Earth Drillers, Except Oil and Gas                                | 530          | 560                     | 5                      | 15       | 20    | 0.7                         |
| 47-5031 | Explosives Workers, Ordnance<br>Handling Experts, and Blasters    | 140          | 130                     | 0                      | 5        | 5     | -0.7                        |
| 47-5041 | Continuous Mining Machine<br>Operators                            | 170          | 180                     | 0                      | 5        | 10    | 0.6                         |
| 47-5042 | Mine Cutting and Channeling<br>Machine Operators                  | 160          | 150                     | 0                      | 5        | 5     | -0.1                        |
| 47-5049 | Mining Machine Operators, All Other                               | 70           | 80                      | 0                      | 5        | 5     | 1.3                         |
| 47-5051 | Rock Splitters, Quarry  | 30           | 30                      | 0                      | 0        | 0     | 0.6                         |
| 47-5081 | Helpers--Extraction Workers                                       | 220          | 250                     | 5                      | 5        | 10    | 1.3                         |
| 47-5099 | Extraction Workers, All Other                                     | 60           | 70                      | 0                      | 0        | 5     | 0.9                         |
| 49-0000 | Installation, Maintenance, and Repair<br>Occupations              | 129,150      | 145,420                 | 1,680                  | 2,055    | 3,735 | 1.2                         |
| 49-1000 | Supervisors of Installation,<br>Maintenance, and Repair Workers   | 10,380       | 11,320                  | 95                     | 245      | 340   | 0.9                         |
| 49-1011 | First-Line Supervisors/Managers of<br>Mechanics, Installers, and  | 10,380       | 11,320                  | 95                     | 245      | 340   | 0.9                         |
| 49-2000 | Electrical and Electronic Equipment<br>Mechanics, Installers, and | 13,380       | 14,520                  | 115                    | 300      | 415   | 0.8                         |
| 49-2011 | Computer, Automated Teller, and<br>Office Machine Repairers       | 3,220        | 3,510                   | 30                     | 35       | 65    | 0.8                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation                            | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---------------------------------------|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |                                       |              |                         | Growth                 | Replaces | Total |                             |
| 49-2021 | Radio Mechanics                       | 220          | 230                     | 0                      | 5        | 5     | 0.4                         |
|         | Telecommunications Equipment          |              |                         |                        |          |       |                             |
| 49-2022 | Installers and Repairers, Excep       | 4,050        | 4,170                   | 10                     | 100      | 110   | 0.3                         |
| 49-2091 | Avionics Technicians                  | 130          | 130                     | 0                      | 0        | 0     | 0.0                         |
|         | Electric Motor, Power Tool, and       |              |                         |                        |          |       |                             |
| 49-2092 | Related Repairers                     | 720          | 880                     | 15                     | 25       | 45    | 2.0                         |
|         | Electrical and Electronics Installers |              |                         |                        |          |       |                             |
| 49-2093 | and Repairers, Transpo                | 570          | 580                     | 0                      | 10       | 15    | 0.1                         |
|         | Electrical and Electronics Repairers, |              |                         |                        |          |       |                             |
| 49-2094 | Commercial and Industr                | 1,980        | 2,020                   | 5                      | 65       | 70    | 0.2                         |
|         | Electrical and Electronics Repairers, |              |                         |                        |          |       |                             |
| 49-2095 | Powerhouse, Substation                | 580          | 730                     | 15                     | 20       | 35    | 2.3                         |
|         | Electronic Equipment Installers and   |              |                         |                        |          |       |                             |
| 49-2096 | Repairers, Motor Vehicle              | 340          | 390                     | 5                      | 10       | 15    | 1.2                         |
|         | Electronic Home Entertainment         |              |                         |                        |          |       |                             |
| 49-2097 | Equipment Installers and Repai        | 420          | 450                     | 5                      | 5        | 5     | 0.6                         |
|         | Security and Fire Alarm Systems       |              |                         |                        |          |       |                             |
| 49-2098 | Installers                            | 1,150        | 1,450                   | 30                     | 15       | 45    | 2.3                         |
|         | Vehicle and Mobile Equipment          |              |                         |                        |          |       |                             |
| 49-3000 | Mechanics, Installers                 | 37,570       | 42,960                  | 540                    | 760      | 1,300 | 1.3                         |
|         | Aircraft Mechanics and Service        |              |                         |                        |          |       |                             |
| 49-3011 | Technicians                           | 3,210        | 3,350                   | 15                     | 35       | 45    | 0.4                         |
|         | Automotive Body and Related           |              |                         |                        |          |       |                             |
| 49-3021 | Repairers                             | 5,610        | 5,970                   | 35                     | 135      | 170   | 0.6                         |
|         | Automotive Glass Installers and       |              |                         |                        |          |       |                             |
| 49-3022 | Repairers                             | 480          | 560                     | 5                      | 20       | 25    | 1.4                         |
|         | Automotive Service Technicians and    |              |                         |                        |          |       |                             |
| 49-3023 | Mechanics                             | 13,210       | 14,800                  | 160                    | 265      | 425   | 1.1                         |
|         | Bus and Truck Mechanics and Diesel    |              |                         |                        |          |       |                             |
| 49-3031 | Engine Specialists                    | 6,970        | 7,900                   | 95                     | 150      | 245   | 1.3                         |
| 49-3041 | Farm Equipment Mechanics              | 790          | 940                     | 15                     | 15       | 30    | 1.8                         |
|         | Mobile Heavy Equipment Mechanics,     |              |                         |                        |          |       |                             |
| 49-3042 | Except Engines                        | 2,740        | 3,720                   | 100                    | 55       | 150   | 3.1                         |
| 49-3043 | Rail Car Repairers                    | 300          | 290                     | 0                      | 5        | 5     | -0.4                        |
| 49-3051 | Motorboat Mechanics                   | 380          | 590                     | 20                     | 10       | 30    | 4.4                         |
| 49-3052 | Motorcycle Mechanics                  | 520          | 710                     | 20                     | 10       | 30    | 3.2                         |
|         | Outdoor Power Equipment and Other     |              |                         |                        |          |       |                             |
| 49-3053 | Small Engine Mechanics                | 760          | 920                     | 15                     | 15       | 30    | 1.9                         |
| 49-3091 | Bicycle Repairers                     | 30           | 40                      | 0                      | 0        | 0     | 4.4                         |
|         | Recreational Vehicle Service          |              |                         |                        |          |       |                             |
| 49-3092 | Technicians                           | 430          | 530                     | 10                     | 10       | 20    | 2.2                         |
| 49-3093 | Tire Repairers and Changers           | 2,150        | 2,650                   | 50                     | 45       | 95    | 2.1                         |
|         | Other Installation, Maintenance, and  |              |                         |                        |          |       |                             |
| 49-9000 | Repair Occupations                    | 67,820       | 76,630                  | 935                    | 755      | 1,685 | 1.2                         |
| 49-9011 | Mechanical Door Repairers             | 300          | 380                     | 10                     | 5        | 15    | 2.5                         |



Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Heating, Air Conditioning, and Refrigeration Mechanics and I | 790          | 890                     | 10                     | 15       | 25    | 1.1                         |
| 49-9021 | Home Appliance Repairers   | 6,500        | 8,110                   | 160                    | 115      | 275   | 2.2                         |
| 49-9031 | Industrial Machinery Mechanics   | 1,490        | 1,830                   | 35                     | 35       | 65    | 2.0                         |
| 49-9041 | Maintenance and Repair Workers, General  | 5,920        | 7,260                   | 135                    | 100      | 235   | 2.1                         |
| 49-9042 | Maintenance Workers, Machinery   | 33,220       | 36,850                  | 365                    | 80       | 445   | 1.0                         |
| 49-9043 | Millwrights  | 3,020        | 2,790                   | 0                      | 50       | 50    | -0.8                        |
| 49-9044 | Refractory Materials Repairers, Except Brickmasons   | 1,670        | 2,040                   | 40                     | 20       | 60    | 2.1                         |
| 49-9045 | Electrical Power-Line Installers and Repairers   | 70           | 70                      | 0                      | 0        | 0     | 0.4                         |
| 49-9051 | Telecommunications Line Installers and Repairers   | 2,540        | 2,930                   | 40                     | 80       | 120   | 1.5                         |
| 49-9052 | Camera and Photographic Equipment Repairers  | 2,560        | 2,590                   | 5                      | 65       | 70    | 0.1                         |
| 49-9061 | Medical Equipment Repairers  | 90           | 90                      | 0                      | 0        | 0     | 0.5                         |
| 49-9062 | Musical Instrument Repairers and Tuners  | 810          | 1,080                   | 25                     | 25       | 50    | 2.9                         |
| 49-9063 | Watch Repairers  | 90           | 100                     | 0                      | 5        | 5     | 0.7                         |
| 49-9064 | Precision Instrument and Equipment Repairers, All Other  | 20           | 20                      | 0                      | 0        | 0     | -0.5                        |
| 49-9069 | Coin, Vending, and Amusement Machine Servicers and Repairers   | 230          | 220                     | 0                      | 5        | 5     | -0.6                        |
| 49-9091 | Commercial Divers  | 1,340        | 1,090                   | 0                      | 35       | 35    | -2.0                        |
| 49-9092 | Locksmiths and Safe Repairers  | 60           | 60                      | 0                      | 0        | 0     | -1.3                        |
| 49-9094 | Manufactured Building and Mobile Home Installers   | 290          | 370                     | 10                     | 5        | 15    | 2.5                         |
| 49-9095 | Riggers  | 200          | 210                     | 0                      | 5        | 5     | 0.6                         |
| 49-9096 | Signal and Track Switch Repairers  | 20           | 30                      | 0                      | 0        | 0     | 2.3                         |
| 49-9097 | Helpers--Installation, Maintenance, and Repair Workers   | 90           | 70                      | 0                      | 0        | 0     | -2.8                        |
| 49-9098 | Installation, Maintenance, and Repair Workers, All Other   | 3,750        | 4,340                   | 60                     | 90       | 145   | 1.5                         |
| 49-9099 | Production Occupations   | 2,760        | 3,220                   | 45                     | 20       | 65    | 1.6                         |
| 51-0000 | Supervisors, Production Workers  | 328,010      | 328,380                 | 1,430                  | 6,635    | 8,065 | 0.0                         |
| 51-1000 | First-Line Supervisors/Managers of Production and Operating  | 19,020       | 19,340                  | 30                     | 320      | 350   | 0.2                         |
| 51-1011 | Assemblers and Fabricators   | 94,050       | 98,840                  | 600                    | 1,920    | 2,525 | 0.5                         |
| 51-2000 | Aircraft Structure, Surfaces, Rigging, and Systems Assembler   | 150          | 120                     | 0                      | 5        | 5     | -2.0                        |
| 51-2021 | Coil Winders, Tapers, and Finishers  | 430          | 460                     | 5                      | 5        | 10    | 0.7                         |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation                          | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|-------------------------------------|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |                                     |              |                         | Growth                 | Replaces | Total |                             |
|         | Electrical and Electronic Equipment |              |                         |                        |          |       |                             |
| 51-2022 | Assemblers                          | 4,090        | 3,170                   | 0                      | 70       | 70    | -2.5                        |
|         | Electromechanical Equipment         |              |                         |                        |          |       |                             |
| 51-2023 | Assemblers                          | 2,800        | 2,960                   | 15                     | 50       | 65    | 0.6                         |
|         | Engine and Other Machine            |              |                         |                        |          |       |                             |
| 51-2031 | Assemblers                          | 1,630        | 1,660                   | 5                      | 40       | 40    | 0.2                         |
|         | Structural Metal Fabricators and    |              |                         |                        |          |       |                             |
| 51-2041 | Fitters                             | 2,660        | 3,080                   | 40                     | 45       | 90    | 1.5                         |
|         | Fiberglass Laminators and           |              |                         |                        |          |       |                             |
| 51-2091 | Fabricators                         | 1,370        | 1,730                   | 35                     | 30       | 65    | 2.4                         |
| 51-2092 | Team Assemblers                     | 67,490       | 72,500                  | 500                    | 1,400    | 1,900 | 0.7                         |
|         | Timing Device Assemblers,           |              |                         |                        |          |       |                             |
| 51-2093 | Adjusters, and Calibrators          | 130          | 150                     | 0                      | 5        | 5     | 1.4                         |
|         | Assemblers and Fabricators, All     |              |                         |                        |          |       |                             |
| 51-2099 | Other                               | 13,300       | 13,020                  | 0                      | 275      | 275   | -0.2                        |
| 51-3000 | Food Processing Workers             | 14,210       | 14,430                  | 45                     | 420      | 465   | 0.2                         |
| 51-3011 | Bakers                              | 2,370        | 2,390                   | 0                      | 50       | 50    | 0.1                         |
| 51-3021 | Butchers and Meat Cutters           | 2,800        | 2,660                   | 0                      | 90       | 90    | -0.5                        |
|         | Meat, Poultry, and Fish Cutters and |              |                         |                        |          |       |                             |
| 51-3022 | Trimmers                            | 670          | 680                     | 0                      | 20       | 20    | 0.1                         |
| 51-3023 | Slaughterers and Meat Packers       | 5,850        | 6,250                   | 40                     | 185      | 225   | 0.7                         |
|         | Food and Tobacco Roasting, Baking,  |              |                         |                        |          |       |                             |
| 51-3091 | and Drying Machine Operat           | 370          | 330                     | 0                      | 15       | 15    | -1.2                        |
| 51-3092 | Food Batchmakers                    | 1,680        | 1,690                   | 0                      | 45       | 45    | 0.1                         |
|         | Food Cooking Machine Operators      |              |                         |                        |          |       |                             |
| 51-3093 | and Tenders                         | 470          | 440                     | 0                      | 20       | 20    | -0.7                        |
| 51-4000 | Metal Workers and Plastic Workers   | 63,190       | 66,200                  | 470                    | 1,225    | 1,695 | 0.5                         |
|         | Computer-Controlled Machine Tool    |              |                         |                        |          |       |                             |
| 51-4011 | Operators, Metal and Plasti         | 3,670        | 4,040                   | 35                     | 45       | 80    | 1.0                         |
|         | Numerical Tool and Process Control  |              |                         |                        |          |       |                             |
| 51-4012 | Programmers                         | 980          | 1,040                   | 5                      | 10       | 20    | 0.6                         |
|         | Extruding and Drawing Machine       |              |                         |                        |          |       |                             |
| 51-4021 | Setters, Operators, and Tender      | 2,830        | 2,780                   | 0                      | 75       | 75    | -0.2                        |
|         | Forging Machine Setters, Operators, |              |                         |                        |          |       |                             |
| 51-4022 | and Tenders, Metal and P            | 1,680        | 1,430                   | 0                      | 55       | 55    | -1.6                        |
|         | Rolling Machine Setters, Operators, |              |                         |                        |          |       |                             |
| 51-4023 | and Tenders, Metal and P            | 610          | 670                     | 5                      | 15       | 20    | 0.9                         |
|         | Cutting, Punching, and Press        |              |                         |                        |          |       |                             |
| 51-4031 | Machine Setters, Operators, and     | 10,060       | 9,890                   | 0                      | 240      | 240   | -0.2                        |
|         | Drilling and Boring Machine Tool    |              |                         |                        |          |       |                             |
| 51-4032 | Setters, Operators, and Ten         | 1,380        | 1,270                   | 0                      | 30       | 30    | -0.8                        |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation   | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|--|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |  |              |                         | Growth                 | Replaces | Total |                             |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters   | 2,480        | 2,520                   | 5                      | 25       | 30    | 0.2                         |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders   | 2,690        | 2,480                   | 0                      | 55       | 55    | -0.8                        |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders  | 670          | 550                     | 0                      | 5        | 5     | -2.1                        |
| 51-4041 | Machinists   | 11,530       | 12,760                  | 125                    | 180      | 300   | 1.0                         |
| 51-4051 | Metal-Refining Furnace Operators and Tenders   | 490          | 420                     | 0                      | 10       | 10    | -1.5                        |
| 51-4052 | Pourers and Casters, Metal   | 440          | 350                     | 0                      | 5        | 5     | -2.2                        |
| 51-4061 | Model Makers, Metal and Plastic  | 160          | 180                     | 0                      | 5        | 5     | 1.3                         |
| 51-4062 | Patternmakers, Metal and Plastic   | 80           | 80                      | 0                      | 0        | 5     | 1.1                         |
| 51-4071 | Foundry Mold and Coremakers  | 550          | 510                     | 0                      | 15       | 15    | -0.6                        |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, Multiple Machine Tool Setters, Operators, and Tenders, Metal  | 3,590        | 3,090                   | 0                      | 85       | 85    | -1.5                        |
| 51-4081 | Tool and Die Makers  | 1,680        | 1,920                   | 25                     | 35       | 60    | 1.3                         |
| 51-4111 | Welders, Cutters, Solderers, and Brazers   | 2,840        | 3,110                   | 25                     | 40       | 65    | 0.9                         |
| 51-4121 | Welding, Soldering, and Brazing Machine Setters, Operators, Heat Treating Equipment Setters, Operators, and Tenders, Metal | 9,930        | 11,660                  | 175                    | 210      | 385   | 1.6                         |
| 51-4122 |  | 2,020        | 2,530                   | 50                     | 45       | 95    | 2.3                         |
| 51-4191 |  | 1,040        | 1,090                   | 5                      | 20       | 25    | 0.5                         |
| 51-4192 | Lay-Out Workers, Metal and Plastic   | 150          | 140                     | 0                      | 5        | 5     | -0.4                        |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders  | 600          | 710                     | 10                     | 20       | 30    | 1.7                         |
| 51-4194 | Tool Grinders, Filers, and Sharpeners  | 510          | 490                     | 0                      | 10       | 10    | -0.5                        |
| 51-4199 | Metal Workers and Plastic Workers, All Other   | 540          | 490                     | 0                      | 10       | 10    | -0.9                        |
| 51-5000 | Printing Workers   | 12,150       | 10,270                  | 0                      | 220      | 220   | -1.7                        |
| 51-5011 | Bindery Workers  | 2,150        | 1,480                   | 0                      | 30       | 30    | -3.7                        |
| 51-5012 | Bookbinders  | 50           | 50                      | 0                      | 0        | 0     | -0.6                        |
| 51-5021 | Job Printers   | 1,540        | 1,190                   | 0                      | 15       | 15    | -2.5                        |
| 51-5022 | Prepress Technicians and Workers   | 2,090        | 1,590                   | 0                      | 35       | 35    | -2.7                        |
| 51-5023 | Printing Machine Operators   | 6,320        | 5,960                   | 0                      | 140      | 140   | -0.6                        |
| 51-6000 | Textile, Apparel, and Furnishings Workers  | 25,490       | 20,420                  | 40                     | 385      | 425   | -2.2                        |
| 51-6011 | Laundry and Dry-Cleaning Workers   | 4,610        | 4,920                   | 30                     | 105      | 135   | 0.7                         |
| 51-6021 | Pressers, Textile, Garment, and Related Materials  | 2,630        | 2,270                   | 0                      | 20       | 20    | -1.4                        |
| 51-6031 | Sewing Machine Operators   | 8,710        | 6,230                   | 0                      | 85       | 85    | -3.3                        |

Table. Occupations in Tennessee, 2006-2016

| SOC     | Occupation                                | Base<br>2006 | Proje-<br>ction<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |   |              |                         | Growth                 | Replaces | Total |                             |
| 51-6041 | Shoe and Leather Workers and Repairers    | 210          | 180                     | 0                      | 5        | 5     | -1.4                        |
| 51-6042 | Shoe Machine Operators and Tenders        | 50           | 30                      | 0                      | 0        | 0     | -6.9                        |
| 51-6051 | Sewers, Hand                              | 380          | 350                     | 0                      | 5        | 5     | -0.7                        |
| 51-6052 | Tailors, Dressmakers, and Custom Se       | 890          | 990                     | 10                     | 15       | 25    | 1.0                         |
| 51-6061 | Textile Bleaching and Dyeing Machine      | 330          | 210                     | 0                      | 5        | 5     | -4.5                        |
| 51-6062 | Textile Cutting Machine Setters, Oper     | 450          | 310                     | 0                      | 15       | 15    | -3.6                        |
| 51-6063 | Textile Knitting and Weaving Machine      | 590          | 370                     | 0                      | 15       | 15    | -4.6                        |
| 51-6064 | Textile Winding, Twisting, and Drawin     | 1,310        | 840                     | 0                      | 20       | 20    | -4.4                        |
| 51-6091 | Extruding and Forming Machine Setter      | 1,860        | 1,240                   | 0                      | 35       | 35    | -4.0                        |
| 51-6092 | Fabric and Apparel Patternmakers          | 280          | 190                     | 0                      | 5        | 5     | -3.8                        |
| 51-6093 | Upholsterers                              | 2,660        | 1,870                   | 0                      | 40       | 40    | -3.5                        |
| 51-6099 | Textile, Apparel, and Furnishings Worl    | 530          | 440                     | 0                      | 15       | 15    | -1.9                        |
| 51-7000 | Woodworkers                               | 9,650        | 9,320                   | 10                     | 235      | 245   | -0.3                        |
| 51-7011 | Cabinetmakers and Bench Carpenters        | 2,940        | 2,700                   | 0                      | 85       | 85    | -0.9                        |
| 51-7021 | Furniture Finishers                       | 580          | 480                     | 0                      | 10       | 10    | -1.9                        |
| 51-7031 | Model Makers, Wood                        | 40           | 20                      | 0                      | 0        | 0     | -7.2                        |
| 51-7032 | Patternmakers, Wood                       | 60           | 30                      | 0                      | 0        | 0     | -8.1                        |
| 51-7041 | Sawing Machine Setters, Operators, a      | 1,650        | 1,720                   | 5                      | 35       | 40    | 0.4                         |
| 51-7042 | Woodworking Machine Setters, Opera        | 2,860        | 2,880                   | 0                      | 70       | 75    | 0.1                         |
| 51-7099 | Woodworkers, All Other                    | 1,510        | 1,490                   | 0                      | 35       | 35    | -0.2                        |
| 51-8000 | Plant and System Operators                | 6,400        | 6,620                   | 60                     | 150      | 205   | 0.3                         |
| 51-8011 | Nuclear Power Reactor Operators           | 40           | 30                      | 0                      | 0        | 0     | -4.5                        |
| 51-8012 | Power Distributors and Dispatchers        | 110          | 120                     | 0                      | 5        | 5     | 1.1                         |
| 51-8013 | Power Plant Operators                     | 530          | 480                     | 0                      | 20       | 20    | -1.0                        |
| 51-8021 | Stationary Engineers and Boiler Opera     | 600          | 610                     | 0                      | 10       | 10    | 0.0                         |
| 51-8031 | Water and Liquid Waste Treatment Pl       | 2,720        | 3,270                   | 55                     | 50       | 105   | 1.9                         |
| 51-8091 | Chemical Plant and System Operators       | 2,100        | 1,810                   | 0                      | 60       | 60    | -1.5                        |
| 51-8092 | Gas Plant Operators                       | 120          | 130                     | 0                      | 5        | 5     | 0.4                         |
| 51-8093 | Petroleum Pump System Operators, R        | 50           | 40                      | 0                      | 0        | 0     | -0.9                        |
| 51-8099 | Plant and System Operators, All Other     | 120          | 140                     | 0                      | 5        | 5     | 1.4                         |
| 51-9000 | Other Production Occupations              | 83,860       | 82,940                  | 170                    | 1,760    | 1,930 | -0.1                        |
| 51-9011 | Chemical Equipment Operators and Tr       | 2,000        | 1,840                   | 0                      | 45       | 45    | -0.8                        |
| 51-9012 | Separating, Filtering, Clarifying, Precip | 610          | 550                     | 0                      | 15       | 15    | -1.0                        |
| 51-9021 | Crushing, Grinding, and Polishing Mac     | 500          | 450                     | 0                      | 10       | 10    | -1.0                        |
| 51-9022 | Grinding and Polishing Workers, Hand      | 1,100        | 1,150                   | 5                      | 20       | 25    | 0.4                         |
| 51-9023 | Mixing and Blending Machine Setters,      | 3,620        | 3,580                   | 0                      | 60       | 60    | -0.1                        |
| 51-9031 | Cutters and Trimmers, Hand                | 760          | 770                     | 0                      | 10       | 15    | 0.1                         |
| 51-9032 | Cutting and Slicing Machine Setters, C    | 2,250        | 2,130                   | 0                      | 35       | 35    | -0.6                        |
| 51-9041 | Extruding, Forming, Pressing, and Cor     | 1,970        | 1,930                   | 0                      | 35       | 35    | -0.2                        |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle    | 2,090        | 1,800                   | 0                      | 55       | 55    | -1.5                        |
| 51-9061 | Inspectors, Testers, Sorters, Samplers    | 12,270       | 11,840                  | 0                      | 180      | 180   | -0.4                        |
| 51-9071 | Jewelers and Precious Stone and Met       | 840          | 970                     | 10                     | 15       | 25    | 1.4                         |
| 51-9081 | Dental Laboratory Technicians             | 670          | 800                     | 15                     | 15       | 25    | 1.8                         |

**Table. Occupations in Tennessee, 2006-2016**

| SOC     | Occupation                            | Base<br>2006 | Projec-<br>tion<br>2016 | Annual Openings Due To |          |       | Annual<br>Percent<br>Growth |
|---------|---------------------------------------|--------------|-------------------------|------------------------|----------|-------|-----------------------------|
|         |                                       |              |                         | Growth                 | Replaces | Total |                             |
| 51-9082 | Medical Appliance Technicians         | 170          | 230                     | 5                      | 5        | 10    | 2.7                         |
| 51-9083 | Ophthalmic Laboratory Technicians     | 900          | 1,130                   | 25                     | 15       | 40    | 2.3                         |
| 51-9111 | Packaging and Filling Machine Operati | 8,610        | 8,170                   | 0                      | 160      | 160   | -0.5                        |
| 51-9121 | Coating, Painting, and Spraying Machi | 3,120        | 3,040                   | 0                      | 60       | 60    | -0.2                        |
| 51-9122 | Painters, Transportation Equipment    | 2,150        | 2,360                   | 20                     | 40       | 65    | 0.9                         |
| 51-9123 | Painting, Coating, and Decorating Wor | 750          | 760                     | 0                      | 15       | 15    | 0.2                         |
| 51-9131 | Photographic Process Workers          | 390          | 230                     | 0                      | 15       | 15    | -5.2                        |
| 51-9132 | Photographic Processing Machine Op    | 1,130        | 560                     | 0                      | 40       | 40    | -6.8                        |
| 51-9191 | Cementing and Gluing Machine Opera    | 730          | 680                     | 0                      | 20       | 20    | -0.7                        |
| 51-9192 | Cleaning, Washing, and Metal Pickling | 160          | 160                     | 0                      | 5        | 5     | -0.3                        |
| 51-9193 | Cooling and Freezing Equipment Oper   | 190          | 230                     | 5                      | 5        | 10    | 1.8                         |
| 51-9194 | Etchers and Engravers                 | 160          | 150                     | 0                      | 5        | 5     | -0.7                        |
| 51-9195 | Molders, Shapers, and Casters, Excep  | 760          | 810                     | 5                      | 15       | 20    | 0.7                         |
| 51-9196 | Paper Goods Machine Setters, Operat   | 3,040        | 2,900                   | 0                      | 75       | 75    | -0.5                        |

Source: Tennessee Department of Labor and Workforce Development, Employment Security Division  
Labor Market Information Section, 3/4/2009